

حمل الآن

مجانا وحصريا

# امتحانات رقم (1)

## الترم الثاني



## Model (1)

20  
Marks

### 1 (A) Choose the correct answer:

- Coral reefs are found in the ..... of oceans.
- |                   |                  |
|-------------------|------------------|
| a) high-tide zone | b) low-tide zone |
| c) abyssal zones  | d) shallow areas |

### (B) What happens when ...?

- 1 The rate of rainfall increases in a river.

.....

- 2 The quality of fresh water becomes poor.

.....

.....

- 3 A magnet is placed near to a piece of cobalt.

.....

- 4 A feather and a hammer fall from the same height at the same time in a vacuumed room.

.....

### 2 (A) Put (✓) or (X):

- Wind turbines move by the effect of gravity. ( )

### (B) Answer the following questions:

- 1 What are the factors that affect the sustainability of resources?

.....

- 2 Water affects nonliving things, like rocks. **Explain.**

.....

- 3 What is the force that changes the direction of a ball after throwing it upwards?

.....

- 4 What causes the Moon to have different phases in the night sky?

.....

.....

.....

### 3 (A) Write the scientific term:

- 1 A large area of the world that has similar soil, climate, plants, and animals. (.....)

- 2 A group of stars, planets, and gases held together by gravity. (.....)

**(B) Give a reason for:**

- 1 The Earth looks like a blue marble from space.

.....

- 2 Occurrence of day and night.

.....

- 3 In the abyssal zones of oceans, no green plants can survive.

.....

.....

**4 (A) Mention an example for:**

- 1 Living organisms that live in seas and oceans: .....

- 2 A freshwater body: .....

**(B) Answer the following questions:**

- 1 What are the kinds of wetlands?

.....

- 2 How is groundwater formed?

.....

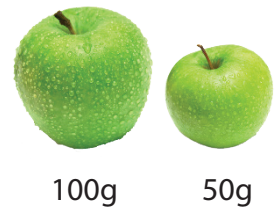
.....

- 3 From the opposite figure, which apple will be attracted more by the Earth's gravity? Why?

.....

.....

.....



100g

50g

## Model (2)

20  
Marks

### 1 (A) Correct the underlined word:

- When the amount of water upstream decreases, the amount of water downstream increases.

(.....)

### (B) Answer the following questions:

1 Water is an important natural resource on Earth. **Explain.**

.....  
.....

2 How does an estuary is formed?

.....

3 What are the factors that affect gravity?

.....

4 What are the factors that affect the length and the angle of a shadow?

.....  
.....

### 2 (A) Write the scientific term:

- An imaginary line passing through the North pole and South pole of Earth. (.....)

### (B) Give a reason for:

1 Fish and most aquatic animals can't survive in lake Assal.

.....

2 Farmers near tributaries may cause water pollution.

.....

3 The Earth's gravity is greater than the Moon's gravity.

.....

4 In the early morning, objects have the longest shadow.

.....

### 3 (A) Complete the following sentences using the words between brackets:

1 Gold is ..... resource on Earth. (an artificial - a natural)

2 The gravity of ..... affects the oceans tides. (the Moon - the Sun)



**(B) Define each of the following:**

1 Geosphere: .....

2 Force: .....

3 Constellation: .....

**4 (A) Correct the underlined word:**

- In the full moon phase, the size of the illuminated part increases gradually overtime.

(.....)

**(B) Look at the opposite figure, then answer:**

1 The swimming of a child in a pool is an example of interaction between:

- ..... and .....

2 The breathing of a child is an example of interaction between:

- ..... and .....

3 Mention an example that represents an interaction between hydrosphere and geosphere.

.....



**20**  
**Marks**

- All of the following are from the freshwater bodies, except .....

- (B) Answer the following questions:**

- | P.O.C          | Rivers                            | Lakes                             |
|----------------|-----------------------------------|-----------------------------------|
| Types of water | <div>.....</div> <div>.....</div> | <div>.....</div> <div>.....</div> |

- Most of fresh water are found in rivers. (.....)

**3 (A) Write the scientific term:**

- 1 An area of land where water from different sources flow in one direction towards a common location. (.....)
- 2 A cycle that shows the continuous movement of water from the Earth to the atmosphere, then to the Earth again. (.....)

**(B) Look at the opposite figures, then answer:**

- 1 Figure (1) represents the ....., and the force that controls the revolution of the planets in fixed orbits is .....
- 2 From figure (2), number (1) indicates the Sun, while number (2) indicates .....
- 3 From figure (2), number (4) is surrounded by the ..... and its function is .....



Fig. (1)

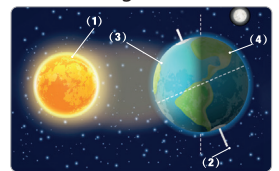


Fig. (2)

**4 (A) Complete the following sentences using the words between brackets:**

- 1 Prevent using of natural resources in Ras Mohammed Protectorate is considered as an example of ..... (preservation – sustainability)
- 2 The planets revolve around the Sun in ..... orbits. (circular – elliptical)

**(B) Give a reason for:**

- 1 Salamanders and salmon can't live in the same aquatic ecosystem.

.....

.....

- 2 Air resistance affects the movement of an object when it falls from a height.

.....

.....

- 3 The Sun looks much larger to us than other stars.

.....

## Model (4)

20  
Marks

### 1 (A) Complete the following sentence using the words between brackets:

- Marshes and ponds are examples of ..... (groundwater – wetlands)

### (B) Give a reason for:

1 Sustainability is more flexible than preservation.

.....  
.....  
.....

2 The total amount of water on Earth doesn't change.

.....

3 The Sun is considered the center of motion of the solar system.

.....

4 The Sun appears to rise from the east and set in the west.

.....

### 2 (A) Put (✓) or (X):

- Air resistance opposes the direction of motion by exerting a pulling force on the moving object.  
( )

### (B) What happens when ...?

1 When the amount of rainfall exceeds the level of the rivers.

.....

2 Cutting down too many trees.

.....

3 We approach like poles of magnets to each other.

.....

4 Occurrence of seasons.

.....

### 3 (A) Write the scientific term:

1 The area along the ocean between the high and low tides. (.....)

2 An imaginary line passing through the two poles of Earth. (.....)

**(B) Answer the following questions:**

1 Mention the function of water filters.

.....

.....

2 Give one difference between stars and moons.

.....

.....

3 What is the function of telescopes and binoculars?

.....

**4 (A) Choose the correct answer:**

1 The Earth spins around its axis once every .....

- a) 24 months      b) 24 hours      c) 30 days      d) 24 days

2 The fastest planet that rotates on its axis in the solar system is .....

- a) the Sun      b) Earth      c) Jupiter      d) the Moon

**(B) Compare between each of the following:**

1

P.O.C	Oceans and seas	Streams
Water Movement	..... .....	..... .....
Living organisms that live in	..... .....	..... .....

2

P.O.C	Magnetism	Gravity
Types of force	..... .....	..... .....

3

P.O.C	Full moon	New moon
Illuminated part of the Moon	..... .....	..... .....

## Model (5)

20  
Marks

### 1 (A) Choose the correct answer:

- Birds stretch their wings as the ..... slows down their speed to land safely.

- a) friction force      b) air resistance      c) gravity      d) magnetism

### (B) What happens to ...?

1 The living organisms that live in a poor quality of fresh water.

.....  
.....

2 The rate of rainfall on a river or stream decreases.

.....

3 When the mass of the Moon is doubled.

.....  
.....

4 The Earth doesn't rotate around its axis.

.....

### 2 (A) Put (✓) or (X):

- Salt water represents 3.5% of water on Earth. ( )

### (B) Give a reason for:

1 Overfishing has negative effects on oceans and seas.

.....  
.....

2 Humans build dams on rivers.

.....

3 Hiding of a worm inside the soil is an example of an interaction between two Earth's spheres.

.....

4 Planetarium is an important building for space scientists.

.....

### 3 (A) Complete the following sentences using the words between brackets:

1 The Earth consists of ..... main systems. (three – four)

2 The new moon phase appears in the ..... day of the lunar month. (first – last)

**(B) Answer the following questions:**

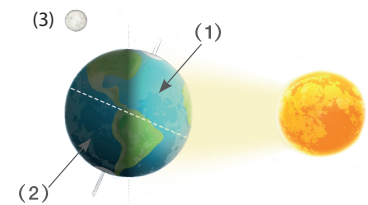
1 Classify the following components according to the sphere they belong to in the table below:

– Water – Water vapor – Oxygen – Rocks – Wind – Carbon dioxide – Plant roots – Puddle – Elephant – Mosquito – Minerals – Rain – Soil.

Biosphere	Hydrosphere	Atmosphere	Geosphere
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

2 Look at the opposite figure, then answer:

- Side (2) is at ..... because .....
- Side (1) is at ..... because .....



3 In the opposite figure, why does object (3) seem shiny at night?

.....

**4 (A) Cross out the odd word:**

1 Water – Animals – Plants – Human. (.....)

2 Earth – Mars – The Sun – Jupiter. (.....)

**(B) Define each of the following:**

1 Tributaries: .....

2 Friction: .....

3 Magnetism: .....

## Model (1)

20  
Marks

### 1 (A) Choose the correct answer:

- Coral reefs are found in the ..... of oceans.
- a) high-tide zone
  - b) low-tide zone
  - c) abyssal zones
  - d) **shallow areas**

### (B) What happens when ...?

- 1 The rate of rainfall increases in a river.  
- **Floods will occur when the river can't hold the excess water.**
- 2 The quality of fresh water becomes poor.  
- **The death of some living organisms and the extinction of some species of fish and amphibians living in this water.**
- 3 A magnet is placed near to a piece of cobalt.  
- **The piece of cobalt will be attracted to the magnet.**
- 4 A feather and a hammer fall from the same height at the same time in a vacuumed room.  
- **They will reach the ground at the same time.**

### 2 (A) Put (✓) or (X):

- Wind turbines move by the effect of gravity. (X)

### (B) Answer the following questions:

- 1 What are the factors that affect the sustainability of resources?  
- **Overpopulation – Unequal distribution of resources – Resources overuse – Pollution.**
- 2 Water affects nonliving things, like rocks. **Explain.**  
- **It causes weathering and erosion of rocks on the Earth's surface.**
- 3 What is the force that changes the direction of a ball after throwing it upwards?  
- **The Earth's gravitational force.**
- 4 What causes the Moon to have different phases in the night sky?  
- **The Earth's revolution around the Sun.**  
- **The Moon's revolution around the Earth.**  
- **Both the Earth and the Moon revolve together around the Sun.**

### 3 (A) Write the scientific term:

- 1 A large area of the world that has similar soil, climate, plants, and animals. (Biome)
- 2 A group of stars, planets, and gases held together by gravity. (Galaxy)



**(B) Give a reason for:**

- 1 The Earth looks like a blue marble from space.  
– **Because about three-quarters (71) % of the Earth is covered by water.**
- 2 Occurrence of day and night.  
– **Due to the rotation of the Earth around its axis.**
- 3 In the abyssal zones of oceans, no green plants can survive.  
– **Because abyssal zones are very deep areas in oceans, so that sunlight cannot reach the plants.**

**4 (A) Mention an example for:**

- 1 Living organisms that live in seas and oceans: **Kelp, dolphins, starfish, and flounder (Moses fish).**
- 2 A freshwater body: **River - Stream**

**(B) Answer the following questions:**

- 1 What are the kinds of wetlands?  
– **From the kinds of wetlands are swamps (marshes) and ponds (bogs).**
- 2 How is groundwater formed?  
– **The water leaked into the Earth through a layer of porous rocks, so it lies beneath the Earth's surface.**
- 3 From the opposite figure, which apple will be attracted more by the Earth's gravity? Why?  
– **The apple whose mass is 100 g will be attracted more because the gravitational force increases by increasing the mass.**



## Model (2)

20  
Marks

### 1 (A) Correct the underlined word:

- When the amount of water upstream decreases, the amount of water downstream increases.  
(**decreases**)

### (B) Answer the following questions:

- 1 Water is an important natural resource on Earth. **Explain.**  
- **Water is important for life of living organisms. Humans and animals drink water to survive, plants use it during photosynthesis, some animals and plants live in it.**
- 2 How does an estuary is formed?  
- **It is formed when a river meets an ocean or a sea.**
- 3 What are the factors that affect gravity?  
- **The object's mass, and the distance between the objects.**
- 4 What are the factors that affect the length and the angle of a shadow?  
- **The position of the Sun in the sky.**  
- **The amount of sunlight that reaches the Earth's surface during different seasons.**

### 2 (A) Write the scientific term:

- An imaginary line passing through the North pole and South pole of Earth. (**Earth's axis**)

### (B) Give a reason for:

- 1 Fish and most aquatic animals can't survive in lake Assal.  
- **Because it has high concentration of natural salts.**
- 2 Farmers near tributaries may cause water pollution.  
- **Due to the using of chemical fertilizers that cause water pollution.**
- 3 The Earth's gravity is greater than the Moon's gravity.  
- **Because the Earth has greater mass than the Moon.**
- 4 In the early morning, objects have the longest shadow.  
- **Because the Sun is low in the sky (in the east).**

### 3 (A) Complete the following sentences using the words between brackets:

- 1 Gold is ..... resource on Earth. (an artificial - **a natural**)
- 2 The gravity of ..... affects the oceans tides. (**the Moon** - the Sun)

**(B) Define each of the following:**

- 1 Geosphere: **It is the system that includes rocks, minerals, soil, landforms, and molten rocks.**
- 2 Force: **It is a push or a pull that is applied to an object.**
- 3 Constellation: **It is a group of stars that forms a pattern or looks like a certain shape in the sky.**

**4 (A) Correct the underlined word:**

- In the full moon phase, the size of the illuminated part increases gradually overtime.

**(first crescent)**

**(B) Look at the opposite figure, then answer:**

- 1 The swimming of a child in a pool is an example of interaction between:  
– **biosphere** and **hydrosphere**.
- 2 The breathing of a child is an example of interaction between:  
– **biosphere** and **atmosphere**.
- 3 Mention an example that represents an interaction between hydrosphere and geosphere.  
– **Erosion of rocks by water.**    – **Formation of lakes.**



## Model (3)

20  
Marks

### 1 (A) Choose the correct answer:

- All of the following are from the freshwater bodies, except .....

- a) groundwater
- b) rivers
- c) seas
- d) streams

### (B) Answer the following questions:

1 How can water bodies on Earth change from the liquid state to other states?

- **Water can change into a solid state (ice) by freezing, and gaseous state (water vapor) by evaporation.**

2 Compare between ...

P.O.C	Rivers	Lakes
Types of water	Fresh water	Most of them contain fresh water, while others contain salt water.

3 How does the Sun produce heat and light?

- **The Sun uses the energy produced from reactions between gases inside it to give off heat and light.**

4 Mention some examples of biomes.

- **Tropical rainforest - Desert.**

### 2 (A) Correct the underlined word:

- Most of fresh water are found in rivers.

(glaciers)

### (B) What happens if ...?

1 Water in a water body evaporates. (According to the interaction between spheres)

- **The hydrosphere interacts with the atmosphere.**

2 Groundwater of wells are used faster than they are replaced by rains.

- **The groundwater will run out and the wells will dry up.**

3 The gravity of the Sun in the solar system disappears.

- **Planets will fly off into space.**

4 The Sun is high and most directly above an object in the sky at noon.

- **The shortest shadow of the object will be formed.**

**3 (A) Write the scientific term:**

- 1 An area of land where water from different sources flow in one direction towards a common location. **(Watershed)**
- 2 A cycle that shows the continuous movement of water from the Earth to the atmosphere, then to the Earth again. **(Water cycle)**

**(B) Look at the opposite figures, then answer:**

- 1 Figure (1) represents the **solar system**, and the force that controls the revolution of the planets in fixed orbits is **the Sun's gravity**.
- 2 From figure (2), number (1) indicates **the Sun**, while number (2) indicates **– the Earth 's axis**.
- 3 From figure (2), number (4) is surrounded by the **atmosphere** and its function is **allowing some light waves to pass and blocks some other light waves**.



Fig. (1)

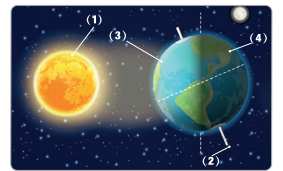


Fig. (2)

**4 (A) Complete the following sentences using the words between brackets:**

- 1 Prevent using of natural resources in Ras Mohammed Protectorate is considered as an example of ..... **(preservation – sustainability)**
- 2 The planets revolve around the Sun in ..... orbits. **(circular – elliptical)**

**(B) Give a reason for:**

- 1 Salamanders and salmon can't live in the same aquatic ecosystem.  
**– Because salamanders live in still water in ponds, while salmon lives in running water in rivers and streams.**
- 2 Air resistance affects the movement of an object when it falls from a height.  
**– Because it acts in the opposite direction of motion and slows down the speed of the falling object.**
- 3 The Sun looks much larger to us than other stars.  
**– Because it is the nearest star to us.**

## Model (4)

20  
Marks

### 1 (A) Complete the following sentence using the words between brackets:

- Marshes and ponds are examples of ..... (groundwater – **wetlands**)

### (B) Give a reason for:

- 1 Sustainability is more flexible than preservation.  
– **Because during preservation, the usage of the resources is restricted, while during sustainability, the usage of the resources is managed without negative effects on their amounts in the future.**
- 2 The total amount of water on Earth doesn't change.  
– **Because water changes from one state to another, so we can recycle it.**
- 3 The Sun is considered the center of motion of the solar system.  
– **Because the Sun has the greatest mass in the solar system, so it has the greatest gravity.**
- 4 The Sun appears to rise from the east and set in the west.  
– **Due to the revolution of the Earth around the Sun from the west to the east.**

### 2 (A) Put (✓) or (X):

- Air resistance opposes the direction of motion by exerting a pulling force on the moving object.  
( X )

### (B) What happens when ...?

- 1 When the amount of rainfall exceeds the level of the rivers.  
– **The river can't hold the excess water and a flood occurs.**
- 2 Cutting down too many trees.  
– **Deforestation occurs, so water and wind also may carry the soil causing soil erosion.**
- 3 We approach like poles of magnets to each other.  
– **They will repel.**
- 4 Occurrence of seasons.  
– **Due to the revolution of the Earth around the Sun.**

### 3 (A) Write the scientific term:

- 1 The area along the ocean between the high and low tides. (Intertidal Zone)
- 2 An imaginary line passing through the two poles of Earth. (Earth's axis)

**(B) Answer the following questions:**

1 Mention the function of water filters.

– They are used to remove harmful materials from polluted water to get filtered water that human can use in many purposes.

2 Give one difference between stars and moons.

– Stars make their own light, but moons don't make their own light, they seem bright as they reflect the sunlight that falls on them.

3 What is the function of telescopes and binoculars?

– They are tools that help us see distant objects in space in more details.

**4 (A) Choose the correct answer:**

1 The Earth spins around its axis once every .....

a) 24 months      **b) 24 hours**      c) 30 days      d) 24 days

2 The fastest planet that rotates on its axis in the solar system is .....

a) the Sun      b) Earth      **c) Jupiter**      d) the Moon

**(B) Compare between each of the following:**

1

P.O.C	Oceans and seas	Streams
Water Movement	Water moves in the form of waves that crash onto shores.	They have running water.
Living organisms that live in	Dolphin – Starfish	Catfish – Salmon (Trout)

2

P.O.C	Magnetism	Gravity
Types of force	Pushing and pulling force	Pulling force only

3

P.O.C	Full moon	New moon
Illuminated part of the Moon	The apparent face that faces the Earth is fully illuminated.	The apparent face that faces the Earth is fully darkened.

## Model (5)

20  
Marks

### 1 (A) Choose the correct answer:

- Birds stretch their wings as the ..... slows down their speed to land safely.

- a) friction force      **b) air resistance**      c) gravity      d) magnetism

### (B) What happens to ...?

1 The living organisms that live in a poor quality of fresh water.

- **The poor quality of fresh water causes the death or extinction of some species of fish and amphibians living in this water.**

2 The rate of rainfall on a river or stream decreases.

- **The water level will decrease, and they may dry up causing drought.**

3 When the mass of the Moon is doubled.

- **The gravitational force between the Moon and the Earth increases, so the Moon comes closer to the Earth and might crash into it.**

4 The Earth doesn't rotate around its axis.

- **The cycle of day and night will not happen.**

### 2 (A) Put (✓) or (X):

- Salt water represents 3.5% of water on Earth.

( X )

### (B) Give a reason for:

1 Overfishing has negative effects on oceans and seas.

- **Because fish is caught more than they are replaced by reproduction, so fish in oceans and seas become rare and fishing will decrease.**

2 Humans build dams on rivers.

- **To store, control, and conserve fresh water.**

3 Hiding of a worm inside the soil is an example of an interaction between two Earth's spheres.

- **Because the biosphere (worm) interacts with the geosphere (soil).**

4 Planetarium is an important building for space scientists.

- **Because they can see images of stars, planets, constellations, and other celestial bodies.**

### 3 (A) Complete the following sentences using the words between brackets:

1 The Earth consists of ..... main systems.

(three – **four**)

2 The new moon phase appears in the ..... day of the lunar month.

(first – **last**)



**(B) Answer the following questions:**

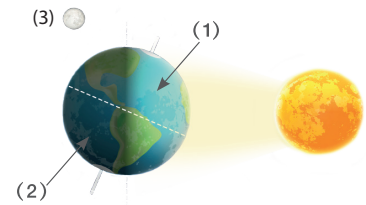
1 Classify the following components according to the sphere they belong to in the table below:

- Water – Water vapor – Oxygen – Rocks – Wind – Carbon dioxide – Plant roots – Puddle  
- Elephant – Mosquito – Minerals – Rain – Soil.

Biosphere	Hydrosphere	Atmosphere	Geosphere
- Plant roots - Elephant - Mosquito	- Water - Rain - Puddle	- Water vapor - Oxygen - Wind	- Minerals - Rocks - Soil

2 Look at the opposite figure, then answer:

- Side (2) is at **night time** because **this half faces away from the Sun.**
- Side (1) is at **day time** because **this half faces the Sun.**



3 In the opposite figure, why does object (3) seem shiny at night?

- **Because it reflects the sunlight falling on it.**

**4 (A) Cross out the odd word:**

1 Water – Animals – Plants – Human.

(**Water**)

2 Earth – Mars – The Sun – Jupiter.

(**The Sun**)

**(B) Define each of the following:**

1 Tributaries: **They are small water bodies that flow into bigger rivers.**

2 Friction: **It is the force that arises between two touching surfaces and slows down their motion.**

3 Magnetism: **It is the force of attraction or repulsion between magnets or between a magnet and a magnetic object.**

# كيفية طباعة صفحات معينة من ملف معين

## مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9



خطوة 1



خطوة 2  
اختيار اسم  
الطابعة  
بتاعتك

خطوة 3  
كتابة الصفحات  
المراد طباعتها  
نكتب رقم 4 ثم  
نكتب الشرطة  
دي - ثم نكتب 9

خطوة 4  
اختيار نوع الورق



خطوة 5  
اختيار A4



خطوة 6

حمل الآن

مجانا وحصريا

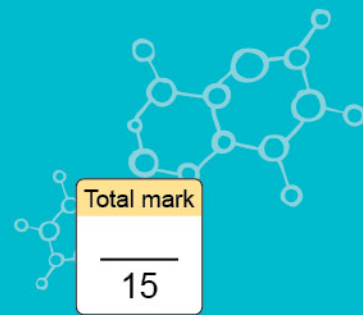
# امتحانات رقم (2)

## الترم الثاني





# Model Exam 1



## 1 (A) Choose the correct answer :

(5 marks)

1. Which of the following is a part of the biosphere ? .....  
a. Ice.                      b. Clouds.                      c. Animals.                      d. Water.
2. All the following are from sources of water on the Earth, except .....  
a. groundwater.                      b. ponds.                      c. glaciers.                      d. molten rocks.
3. Preventing the developing of Ras Mohammed Protectorate is considered as an example of .....  
a. preservation.                      b. pollution.                      c. sustainability.                      d. consumption.

## (B) Give a reason for the following :

The Sun appears larger and brighter than other stars.

.....

## 2 (A) Correct the underlined word :

(5 marks)

A rat that digs a burrow in the soil is an example of the interaction between biosphere and atmosphere.

(.....)

## (B) Write the scientific term of each of the following :

1. The action of control reaching of humans to the natural resources or using them. (.....)
2. They are giant spheres of superhot gases. (.....)

## 3 (A) Put (✓) or (X) :

(5 marks)

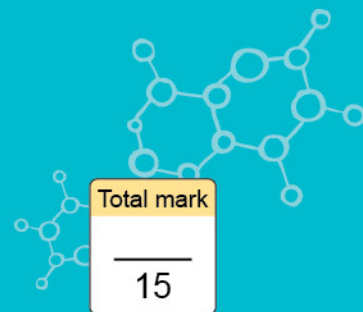
Rivers and streams are running freshwater bodies.

( )

## (B) Complete the following sentences :

1. Any object has gravity depending on its ..... and ..... away from the Earth.
2. The land that is partially covered with water is called ....., while the place where a river ends is called .....

# Model Exam 2



## 1 (A) Put (✓) or (X) :

(5 marks)

1. Wastewater engineers are scientists who work on recycling wastewater in water treatment plants. ( )
2. The atmosphere lets all light waves to pass to the Earth. ( )
3. Cotton can be used as a filter to remove some waste materials from water. ( )

## (B) Give a reason for the following :

Not every water source is used as drinking water.

.....

## 2 (A) Correct the underlined word :

(5 marks)

The only star in the solar system is the Earth. (.....)

## (B) What happens if ...?

1. Plants can't get carbon dioxide gas from air.

.....

2. Earth stops spinning on its axis.

.....

## 3 (A) Choose the correct answer :

(5 marks)

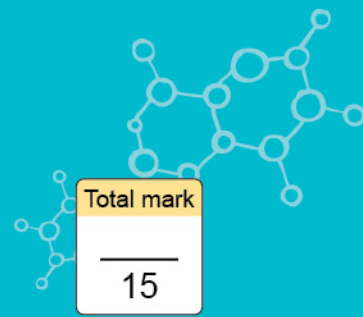
We can see thousands of ..... in the sky at night that give off heat and light.

- a. moons      b. stars      c. planets      d. satellites

## (B) Write the scientific term of each of the following :

1. A dark object that revolves around Earth and reflects the sunlight falling on its surface. (.....)
2. The force of attraction that changes the direction of a moving object in air towards the ground. (.....)

# Model Exam 3



- 1 (A) Choose from column (B) what suits it in column (A) :** (5 marks)

(A)	(B)
1. Geosphere	a. contains oxygen and nitrogen gases.
2. Atmosphere	b. contains rocks and sand.
3. Biosphere	c. contains animals and plants.
	d. contains clouds and molten rocks.

1. .... 2. .... 3. ....

**(B) What happens if ...?**

Binoculars and telescopes were not invented.

.....  
 .....

- 2 (A) Put (✓) or (X) :** (5 marks)

Earth revolves around the Sun in a fixed path.

( )

**(B) Mention one example for each of the following :**

1. Binoculars : .....

2. Telescopes : .....

- 3 (A) Choose the correct answer :** (5 marks)

All the following materials can be used to filter wastewater in simple water filter, except .....

a. cotton.

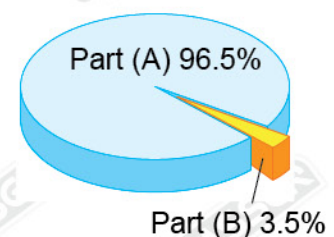
b. wood.

c. charcoal.

d. sand.

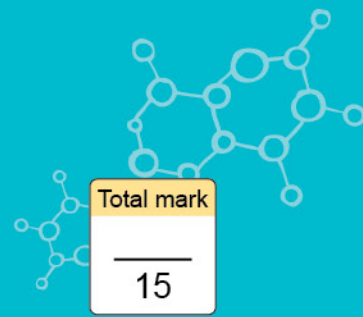
**(B) Look at the opposite graph, then complete the sentences below :**

- Part ..... represents fresh water,  
while part ..... represents salt water.
- The type of water which human can drink, is  
represented by part .....
- An ocean is an example of water bodies which  
are included in part .....





# Model Exam 4



**1 (A) Complete the following by using words between brackets :** (5 marks)

**(biosphere – constellation – gravity)**

1. The Earth's system that includes all living organisms is called .....
2. Objects move down from high places toward the ground due to the effect of .....
3. The group of stars that make a certain shape in the sky is called .....

**(B) What happens if ... ?**

Water is collected in a low-lying area.

.....

.....

**2 (A) Cross out the odd word :** (5 marks)

The phenomenon of four seasons occurs due to rotation of Earth on its axis.

(.....)

**(B) Write the scientific term of each of the following :**

1. An imaginary line that passes through the two poles of Earth. (.....)
2. A type of pollution that occurs as a result of throwing waste in rivers and seas. (.....)

**3 (A) Put (✓) or (X) :** (5 marks)

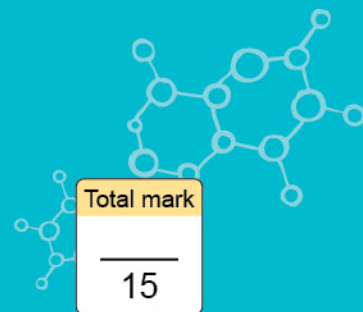
The water of tributaries flow directly into seas and oceans.

( )

**(B) Classify the following items into the Earth's system which belongs to :**

Rocks	Rabbit	Carbon dioxide gas	Glaciers
.....	.....	.....	.....

# Model Exam 5



## 1 (A) Choose the correct answer :

(5 marks)

1. Presence of dolphins in oceans represents an interaction between .....  
and .....  
a. biosphere – hydrosphere.                      b. biosphere – geosphere.  
c. hydrosphere – atmosphere.                      d. hydrosphere – geosphere.
2. There is a/an ..... between Nile River and Mediterranean sea.  
a. lake                      b. wetland                      c. estuary                      d. ocean
3. Our solar system contains .....  
a. one star.                      b. one planet.                      c. one moon.                      d. no stars.

## (B) Give a reason for the following :

We should turn off water during washing dishes.

.....

## 2 (A) Put (✓) or (X) :

(5 marks)

All parts of Earth receive sunlight at the same time. ( )

## (B) Write the scientific term of each of the following :

1. A type of water which represents 3.5% of water area on the Earth's surface. (.....)
2. The Sun and eight planets revolving around it. (.....)

## 3 (A) Correct the underlined word :

(5 marks)

During the water cycle in nature, water evaporates into vapor forming rains.

(.....)

## (B) What happens to ...?

1. The shadow of an object if the Sun is located at east or west in the sky.  
.....

2. Animals that live in lakes if they dry up.  
.....



### Model Exam 1

- 1 1. c 2. d 3. a

(B) Because the Sun is the closest star to the Earth.

- 2 (A) geosphere.

(B) 1. Preservation.  
2. Stars.

- 3 (A) (✓)

(B) 1. mass – distance  
2. wetland – downstream.

### Model Exam 2

- 1 (A) 1. (✓) 2. (✗) 3. (✓)

(B) Because humans cannot drink salt water, but they drink fresh water only.

- 2 (A) Sun.

(B) 1. Plants can't make their food by photosynthesis process.  
2. Day and night phenomenon will not happen.

- 3 (A) b

(B) 1. The moon.  
2. Gravity.

### Model Exam 3

- 1 (A) 1. b 2. a 3. c

(B) Astronauts cannot see distant objects in the universe in more details.

- 2 (A) (✓)

(B) 1. Galileo binoculars.  
2. Hubble Space Telescope.

- 3 (A) b

(B) 1. B – A 2. B 3. A

### Model Exam 4

- 1 (A) 1. biosphere.

2. gravity.  
3. constellation.

(B) A lake is formed.

- 2 (A) day and night

(B) 1. The Earth's axis.  
2. Water pollution.

- 3 (A) (✗)

(B)

Rocks	Rabbit	Carbon dioxide gas	Glaciers
Geosphere	Biosphere	Atmosphere	Hydrosphere

- 3 (A) (✓)

(B) 1. The car fuel indicator will go down.  
2. The sand travels for a long distance.

### Model Exam 5

- 1 (A) 1. a 2. c 3. a

(B) To conserve fresh water because it is limited on Earth.

- 2 (A) (✗)

(B) 1. Fresh water.  
2. The solar system.

- 3 (A) clouds.

(B) 1. The shadow of the object will be the longest.  
2. They have to adapt to the changes that happen or they will die.

حمل الآن

مجاناً وحصرياً

# امتحانات رقم (3)

## الترم الثاني



# 1 Cairo – Nasr City Directorate

## Q1. (A) Choose the correct answer:

- 1 The hydrosphere includes all the following items, except .....  
 a. oceans                      b. rivers                      c. molten rocks                      d. groundwater
- 2 The basic liquid matter which is needed by humans, animals, and plants to survive is .....  
 a. milk                      b. water                      c. oil                      d. alcohol
- 3 Magnetism is a kind of ..... force.  
 a. attraction only                      b. repulsion only                      c. visible                      d. invisible
- 4 The day and night phenomenon occurs due to the rotation of the Earth around .....  
 a. the Sun                      b. its axis                      c. the moon                      d. the solar system

(B) Give a reason for: Earth's gravity is greater than the moon's gravity.

## Q2. (A) Put (✓) or (x):

- 1 Earth's systems don't interact with each other. ( )
- 2 The high quality of fresh water leads to death of marine organisms that live in it. ( )
- 3 The Sun revolves around the Earth. ( )
- 4 The sunrise and sunset occur at the same time every day. ( )

## (B) Write the scientific term:

- It is a phenomenon that takes place in oceans and seas due to the gravity of the moon. (.....)

## Q3. (A) Correct the underlined words:

- 1 The center of the solar system is the Earth. (.....)
- 2 The Sun is a planet that can give out light. (.....)
- 3 During the water cycle in nature, water evaporates into water vapor, forming rains. (.....)
- 4 Shallow areas of oceans don't receive sunlight. (.....)

## (B) Cross out the odd word:

- Crescent – Full Moon – Shadow – Gibbous (.....)



## 2

## Cairo Governorate – Heliopolis Directorate

### Q1. (A) Choose the correct answer:

1. .... is/are part(s) of the hydrosphere.  
 a. Water                      b. Air                      c. Rocks                      d. Plants
2. Among the sources of fresh water are .....  
 a. oceans                      b. seas                      c. rivers                      d. salty lakes
3. Gravity makes the moon revolve around .....  
 a. the Sun                      b. the Earth                      c. itself                      d. another moon
4. Day and night are formed due to the rotation of the Earth around .....  
 a. the Sun                      b. its axis  
 c. the moon                      d. the solar system

### B) Give a reason for:

1. The atmosphere is very important for plants.

### Q2. (A) Put (✓) or (x):

1. Some animals and plants live in water. ( )
2. Dams can hold water behind them. ( )
3. Tides are affected by the gravity of the moon. ( )
4. The Sun rises in the west. ( )

### (B) What happens if: People don't conserve fresh water?

### Q3. (A) Cross out the odd word:

1. Tree – Birds – Girl – Rocks ( )
2. Oxygen – Nitrogen – Carbon dioxide – Water ( )
3. Air resistance – Friction – Magnetism – The Sun ( )
4. First Crescent – New Moon – Full Moon – Earth ( )

### (B) Write the scientific term:

It is the breakdown of rocks by wind or water. ( )

3

## Giza Governorate – Osim Directorate

**Q1. (A) Put (✓) or (x):**

- 1 Salt water represents 96.5 % of the water on Earth. ( )
- 2 Rivers and streams are flowing bodies of fresh water. ( )
- 3 The magnet can exert a pulling force only. ( )
- 4 Earth pulls objects towards its moon. ( )

**(B) Give a reason for:** The phenomenon of day and night occurs.

.....

**Q2. (A) Choose the correct answer:**

- 1 Mountains and valleys are parts of the .....  
 a. biosphere      b. atmosphere      c. geosphere      d. hydrosphere
- 2 ..... are formed when water collects in low-lying areas.  
 a. Seas      b. Lakes      c. Rivers      d. Oceans
- 3 ..... is considered a type of friction force.  
 a. Air resistance      b. Gravity      c. Magnetism      d. Electricity
- 4 All the following materials can be used to filter wastewater in a simple water filter, except .....  
 a. cotton      b. sand      c. wood      d. charcoal

**(B) Cross out the odd word:** Stream – Ponds – Rocks – Rivers(.....)

**Q3. (A) Use the words between the brackets to complete the following sentences:**

(fresh – biosphere – solar system – an estuary)

- 1 We must take a quick shower to conserve ..... water.
- 2 When a river meets a sea, ..... is formed.
- 3 The ..... contains the Sun and eight planets revolving around it.
- 4 The ..... is the system that includes all living organisms on Earth.

**(B) What happens if:** Half of the Earth faces the Sun?

.....



## 4 Giza Governorate – 6<sup>th</sup> October Directorate

### Q1. (A) Choose the correct answer:

1. All the following materials are attracted to the magnet, except .....  
 a. iron                      b. nickel                      c. wood                      d. cobalt
2. When a river water meets a sea, ..... is formed.  
 a. a lake                      b. a wetland                      c. an estuary                      d. an ocean
3. Clothes are made from plants, such as .....  
 a. corn                      b. cotton                      c. tree                      d. bean
4. Air resistance is a type of ..... force.  
 a. friction                      b. gravity                      c. repulsion                      d. pulling

### (B) Give a reason for:

1. The moon is a dark body, but we see it shiny at night.

### Q2. (A) Put (✓) or (x):

1. The frozen water on Earth is a part of the geosphere. ( )
2. Jupiter is the fastest planet that rotates on its axis. ( )
3. Salamanders and frogs live in streams. ( )
4. Without the gravity of the Sun, the planets would float off into space. ( )

### (B) What happens if: The Earth rotates on its axis?

### Q3. (A) Correct the underlined words:

1. A rat that digs a burrow in the soil represents an interaction between the biosphere and the hydrosphere. (.....)
2. Stars are made up of hot liquids. (.....)
3. The gravity of the Sun affects the ocean tides. (.....)
4. The type of water in rivers is salty water. (.....)

### (B) Cross out the odd word:

1. Crescent – Full Moon – Earth – Gibbous (.....)

## 5 Alexandria Governorate – East Directorate

### Q1. (A) Choose the correct answer:

- The phase of the moon that appears on the last day of the lunar month is the ..... phase.  
 a. Crescent      b. New Moon      c. Full Moon      d. Gibbous
- A/An ..... is a large body of water surrounded by land.  
 a. lake      b. estuary      c. stream      d. pond
- The gravitational force of an object ..... as its mass decreases.  
 a. equals zero      b. decreases      c. increases      d. doesn't change
- The constellations appear at ..... positions in the sky during the year.  
 a. the same      b. different      c. small      d. center

**(B) What happens if:** The river water meets the sea water?

### Q2. (A) Complete the following sentences:

- As the distance between the moon and Earth increases, the attraction of gravity between both of them .....
- Wastewater engineers design ways to protect a community from .....
- A parachute in the air is affected by some forces, such as gravity and ..... force.
- Most of the fresh water on Earth is found in the form of frozen water called .....

**(B) Give a reason for:** The stars appear bright in the sky.

### Q3. Write the scientific term:

- It is a force that slows down moving objects and opposes their motion. (.....)
- It is a dark celestial body that revolves around the Earth and reflects the sunlight. (.....)
- It is a pulling force that causes the objects to fall toward the Earth's surface. (.....)
- It is a phenomenon that occurs when the Earth rotates on its axis. (.....)
- It is a system that is formed of the Sun and eight planets revolving around it. (.....)



## 6 Alexandria Governorate – Montazah 1 Directorate

### Q1. (A) Choose the correct answer:

- 1 A table standing on the ground needs ..... to move.  
a. sunlight      b. mass      c. force      d. air
- 2 Which of the following is a part of the biosphere?  
a. Ice      b. Clouds      c. Water      d. Animals
- 3 A group of stars that makes a certain shape in the sky is called .....  
a. solar system      b. universe      c. constellation      d. ecosystem
- 4 ..... are formed when water collects in low-lying areas.  
a. Seas      b. Lakes      c. Rivers      d. Oceans

**(B) Give a reason for:** Scientists tend to preserve fresh water on Earth.

### Q2. (A) Put (✓) or (X):

- 1 Gravity pulls objects towards the center of the Earth. ( )
- 2 A river flows from an area of a lower place to an area of a higher place. ( )
- 3 Earth rotates on its axis in a clockwise direction. ( )
- 4 Dams can be used to filter polluted water to be used again. ( )

**(B) What happens if:** Plants can't get carbon dioxide gas from the air?

### Q3. (A) Use the words between the brackets to complete the following sentences:

(seas - pollutants - east - Earth - Sun)

- 1 The moon moves around the ..... due to gravity.
- 2 Starfish and Moses fish live in .....
- 3 In the early morning, the Sun would be at the ..... direction in the sky.
- 4 Wastewater engineers can test the quality of water by checking the amount of ..... in water.

### (B) Write the scientific term:

- 1 It is a force that pulls objects down toward the Earth's center. (.....)



## 7 Alexandria Governorate – Montazah 2 Directorate

**Q1. (A) Use the words between the brackets to complete the following sentences:**

(gravity – biosphere – lakes – rivers)

- 1 Microorganisms are parts of the .....
- 2 Among the sources of fresh water are .....
- 3 The force of ..... keeps the planets revolving around the sun.
- 4 ..... are large bodies of water surrounded by land.

**(B) Give a reason for:**

- The moon is a dark body, but we see it shiny at night.

**Q2. (A) Put (✓) or (x):**

- 1 96.5 % of water on Earth is salt water. ( )
- 2 The magnet can exert a pulling force only. ( )
- 3 An estuary is formed when salt water mixes with fresh water. ( )
- 4 The Earth's revolution around the Sun causes day and night. ( )

**(B) Cross out the odd word:** Catfish – Starfish – Kelp – Dolphin(.....)

**Q3. (A) Choose from column (A) what suits it in column (B):**

Column (A)	Column (B)
1 Moses fish	a. can be used in making plastics.
2 Salmon	b. lives in fresh water.
3 Oil prouducts	c. lives in salt water.
4 Cotton	d. can be used in making cans.
	e. can be used in making clothes.
1 ..... 2 ..... 3 ..... 4 .....	

**(B) Write the scientific term:**

- It is a pull or a push applied to an object. (.....)

## 8 Alexandria Governorate – Middle Directorate

### Q1. (A) Put (✓) or (x):

- 1 The Sun is the biggest star in the universe. ( )
- 2 The water of tributaries flows directly into the seas or oceans. ( )
- 3 Constellations have similar shapes in the sky. ( )
- 4 You must decrease the time of taking a shower to conserve fresh water. ( )

**(B) Give a reason for:** The moon is a dark body but we see it shiny at night.

### Q2. (A) Choose the correct answer:

- 1 The presence of sharks in oceans represents an interaction between the ..... and the .....  
 a. geosphere – biosphere                      b. atmosphere – hydrosphere  
 c. hydrosphere – biosphere                      d. geosphere – atmosphere
- 2 Magnetism is a kind of ..... force(s).  
 a. repulsion only                                      b. attraction only  
 c. repulsion and attraction                      d. visible and invisible
- 3 The amount of salt water is ..... the amount of fresh water on Earth.  
 a. greater than              b. smaller than              c. equal to              d. half
- 4 Friction force ..... the movement of objects.  
 a. slows down              b. speeds up              c. increases              d. doesn't affect

**(B) What happens if:** The quality of fresh water becomes poor?

### Q3. (A) Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 The Sun	a. contains animals and plants.
2 Geosphere	b. is the center of the solar system.
3 Force	c. contains rocks and sand.
4 Biosphere	d. is a pull or a push that affects objects.
1 .....      2 .....      3 .....      4 .....	

### (B) Write the scientific term:

It is a pulling force that causes objects to fall down toward the Earth.(.....)



## 9 Sharkia Governorate – Educational Directorate

### Q1. (A) Complete the following sentences:

- 1 The first moon phase is .....
- 2 The percentage of salty water is about ..... % of the hydrosphere.
- 3 Rocks and mountains are from the Earth's ..... system.
- 4 Planets revolve around the Sun under the effect of .....

(B) Give a reason for: The moon's gravity is less than the Earth's gravity.

### Q2. (A) Put (✓) or (x):

- 1 Living organisms need water to drink. ( )
- 2 The day and night phenomenon occurs due to the revolution of Earth around the Sun. ( )
- 3 From the risks that threaten the world are large quantities and poor quality of water. ( )
- 4 Gravity depends on an object's mass and distance. ( )

(B) What happens if: Half of the Earth faces the Sun?

### Q3. (A) Choose the correct answer:

- 1 A force of ..... causes the slow down of an object's motion.  
a. gravity                      b. friction                      c. magnetism
- 2 All the following belong to the geosphere, except .....  
a. minerals                      b. rocks                      c. helium
- 3 If the distance between the Earth and the moon decreases, the gravity between them .....  
a. decreases                      b. increases                      c. doesn't change
- 4 The place where a river meets a sea is called .....  
a. a river                      b. an ocean                      c. an estuary

(B) From the opposite figure, complete:

- 1 This figure represents constellation .....
- 2 This constellation consists of a group of .....



## 10 Dakahlia Governorate – Educational Directorate

### Q1. (A) Choose the correct answer:

1. \_\_\_\_\_ is an example of a saltwater ecosystem.  
 a. The Nile River      b. Assal lake      c. A glacier      d. Nasser lake
2. From the materials that are attracted to the magnet are .....  
 a. iron and nickel      b. aluminum and copper  
 c. copper and silver      d. silver and gold
3. Which of the following is a part of the geosphere ?  
 a. Rocks      b. Clouds      c. Water      d. Animals
4. Planets continue revolving around the Sun in fixed orbits under the effect of .....  
 a. Earth's gravity      b. Mars's gravity  
 c. the Sun's gravity      d. the moon's gravity

**(B) Give a reason for:** The moon has different phases during the lunar month.

### Q2. (A) Put (✓) or (x):

1. The Sun is the biggest star in the universe. ( )
2. The sequence of day and night is due to the rotation of Earth around its axis. ( )
3. Photosynthesis results from an interaction between the biosphere and the atmosphere. ( )
4. Water that covers most of the Earth's surface is fresh water in rivers. ( )

**(B)** Which body does the Earth attract more: one with a mass of 100 kg or one with a mass of 400 kg, and why?

### Q3. (A) Complete the following sentences:

1. The force which is originated between two touching surfaces and slows the motion is called .....
2. The illuminated moon in the shape of a circle is called .....
3. 96.5% of the Earth's water is ..... water.
4. A group of plants and animals which live together in a large area characterized by its climate is called .....

**(B) What happens to:** A tree's shadow in the morning and at noon?



# 11 Qalioubia Governorate – Educational Directorate

## Q1. (A) Choose the correct answer:

- 1 Rocks are broken down into smaller particles during the ..... process.  
a. photosynthesis    b. weathering    c. erosion    d. respiration
- 2 ..... is a land partially covered with water.  
a. An ocean    b. A wetland    c. An estuary    d. A lake
- 3 The gravity of ..... affects the ocean tides on the Earth.  
a. the Sun    b. the moon    c. Mars    d. Jupiter
- 4 The day and night phenomenon occurs due to the rotation of the Earth around .....  
a. the Sun    b. its axis    c. the moon    d. the solar system

## (B) Classify the following to revolution or rotation:

- 1 It is the spinning of an object around an axis. (.....)
- 2 It is the spinning of an object around another object. (.....)

## Q2. (A) Complete the following sentences:

- 1 Water is renewed in nature through .....
- 2 When a stream or a river receives more rainfall, this leads to .....
- 3 The gravity of an object increases as its ..... increases.
- 4 The cycle of ..... happens due to Earth's revolution around the Sun.

## (B) Write the scientific term:

- 1 It is an area of land where water from different sources flows towards a common location. (.....)

## Q3. (A) Put (✓) or (x):

- 1 Most of the fresh water on the Earth is found as a liquid or a running water. ( )
- 2 Recycling wastewater means removing waste materials from it. ( )
- 3 Gravity only affects objects in motion. ( )
- 4 In the Full Moon phase, we can't see the moon in the sky. ( )

## (B) Cross out the odd word:

- 1 At noon – In the morning – In the afternoon – Longer shadow (.....)

## 12 Beheira Governorate – Educational Directorate

### Q1. (A) Choose the correct answer:

- Which of the following is a part of the biosphere?  
 a. Water                      b. Clouds                      c. Animals
- \_\_\_\_\_ are formed when water collects in low-lying areas.  
 a. Seas                      b. Lakes                      c. Rivers
- The center of the solar system is the \_\_\_\_\_.  
 a. Sun                      b. Earth                      c. moon
- The force that causes skydivers to move downward is called \_\_\_\_\_.  
 a. gravity of Earth                      b. gravity of the moon  
 c. gravity of the Sun

**(B) What happens to:** The planets if the Sun has no gravity?

### Q2. (A) Complete the following sentence:

- In the solar system, all planets revolve in fixed paths called \_\_\_\_\_.
- \_\_\_\_\_ is the system that includes all landforms on the Earth's surface, such as mountains and valleys.
- The wide space that contains celestial objects is called \_\_\_\_\_.
- Earth rotates around itself every \_\_\_\_\_ hours.

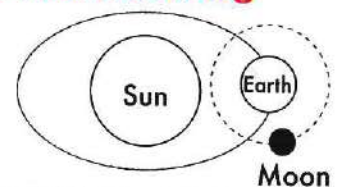
**(B) Give a reason for:** There is no fish or aquatic animals living in Assal lake?

### Q3. (A) Put (✓) or (x):

- Galileo binoculars help scientists see distant objects in space with more details. ( )
- A watershed is an area of land where all the water that falls within it flows toward a single place. ( )
- Air resistance is a type of friction force that can be seen easily. ( )
- Earth's systems are divided into three systems: atmosphere, biosphere, and hydrosphere. ( )

**(B) Look at the figure below, then complete the following sentences:**

- \_\_\_\_\_ has the largest mass.
- \_\_\_\_\_ has the lowest force of gravity.





# 13 Kafr El-Shiekh Governorate – Educational Directorate

## Q1. (A) Choose the correct answer:

- 1 A/An ..... is a building with a dome ceiling and is used to see images of some celestial bodies.  
 a. telescope      b. planetarium      c. constellation      d. ecosystem
- 2 All the following materials are attracted to the magnet, except .....  
 a. iron      b. nickel      c. wood      d. cobalt
- 3 ..... belong to the biosphere in an ocean ecosystem.  
 a. Salamanders      b. Kelps      c. Mountains      d. Plains
- 4 When wind blows the seeds of plants, there's an interaction between the biosphere and the .....  
 a. atmosphere      b. lithosphere      c. geosphere      d. hydrosphere

## (B) Write the scientific term:

- It is a group of stars, planets, and gases held together by gravity.  
 (.....)

## Q2. (A) Put (✓) or (x):

- 1 Earth rotates on its axis slower than Jupiter. ( )
- 2 The moon appears in the New Moon, when Earth is between the moon and the Sun. ( )
- 3 Air resistance speeds up a falling parachute downward. ( )
- 4 Resources sustainability isn't affected by overpopulation. ( )

## (B) Give a reason for: The four seasons cycle occurs.

## Q3. (A) Use the words between the brackets to complete the following sentences:

(shortest – high – a sea – less than – an estuary – more than)

- 1 The gravity of the moon is ..... the gravity of the Earth.
- 2 The amount of frozen fresh water is ..... the liquid fresh water on Earth.
- 3 The flow of a river ends when it meets ....., where ..... is formed.
- 4 At noon, the Sun is ..... and most directly above us in the sky, so it forms the ..... shadow.

## (B) What happens when: Water collects in a low-lying area?

## 14 Damietta Governorate – Educational Directorate

### Q1. (A) Choose the correct answer:

- 1 The fastest planet that rotates on its axis in the solar system is .....  
 a. Earth                      b. Jupiter                      c. the moon                      d. the Sun
- 2 Mountains and valleys are parts of the .....  
 a. biosphere                      b. atmosphere                      c. geosphere                      d. hydrosphere
- 3 From the materials which are attracted to the magnet are .....  
 a. iron and nickel                      b. aluminum and copper  
 c. copper and silver                      d. silver and gold
- 4 Seas and oceans water meet rivers water at .....  
 a. streams                      b. groundwater                      c. estuaries                      d. watersheds

(B) Give a reason for: The phenomenon of day and night occurs.

### Q2. (A) Write the scientific term:

- 1 It is a group of stars that forms a pattern in the sky. (.....)
- 2 It is the action of controlling or managing human access to natural resources or using them. (.....)
- 3 It is an imaginary line passing through the two poles of Earth. (.....)
- 4 They are bodies of water that surround the continents. (.....)

(B) What happens to: The ball when it is thrown up into the air?

### Q3. (A) Correct the underlined words:

- 1 The moon phase at which the moon seems completely bright is Gibbous. (.....)
- 2 Some animals live in ponds, such as catfish and salmon. (.....)
- 3 The Earth revolves around the Sun in a rectangular shaped orbit. (.....)
- 4 Cotton, charcoal, and mud can be used in making a simple water filter. (.....)

(B) Complete the following statement by using these words:

(telescope – sundial – shadow)

The first time piece that was used to know the time is called a .....  
 and it depends on the formation of a .....



# 15 Port Said Governorate – Educational Directorate

## Q1. (A) Choose the correct answer:

- 1 Which of the following is part of the biosphere?  
 a. Ice                      b. Clouds                      c. Animals                      d. Water
- 2 ..... are parts of the geosphere.  
 a. Plants                      b. Rocks                      c. Gases                      d. Bodies of water
- 3 We can see thousands of ..... in the night sky, which give off light and heat.  
 a. moons                      b. stars                      c. planets                      d. satellites
- 4 From the materials that are attracted to the magnet is .....  
 a. iron                      b. copper                      c. silver                      d. gold

## (B) Write the scientific term:

- It contains the Sun and eight planets revolving around it. (.....)

## Q2. (A) Put (✓) or (x):

- 1 Rivers and streams are flowing freshwater bodies. ( )
- 2 Fresh water represents 96.5% of the water on Earth. ( )
- 3 All parts of the Earth receive sunlight at the same time. ( )
- 4 Earth revolves around the Sun in a fixed path. ( )

(B) Give a reason for: The moon is a dark body, but we see it shiny at night.

.....

## Q3. (A) Complete the following sentences:

- 1 The water running across the land is an example of an interaction between the ..... and the geosphere.
- 2 When a river water meets a sea, a/an ..... is formed.
- 3 The Earth rotates on its axis once every ..... hours.
- 4 Objects move down from a high place toward the ground due to the effect of .....

(B) What happens if: Earth doesn't rotate on its axis?

.....

حمل الآن

مجاناً وحصرياً

# امتحانات رقم (4)

## الترم الثاني





<b>Model Exam</b>  <b>1</b> 	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
	<b>Educational Directorate</b>	<b>2<sup>ND</sup> Term May 2025</b>	<b>توجيه عام العلوم لغات</b>
	<b>نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي</b> <b>((الاجابة فى نفس الورقة / صفحة واحدة))</b>		

**Answer each of the following questions**

**First Question : - (A) : - Complete the following sentences : -**

1. The Earth's system that includes all living organisms is called .....
2. Objects move down from high places toward the ground due to the effect of .....
3. The group of stars that make a certain shape in the sky is called..

**(B) : - What happen if : -**

1. Water is collected in a low-lying area.

2. The shadow of an object if the Sun is located at east or west in the sky.

**Second Question : -**

**(A) : - Choose from column (B) that suits column (A) : -**

(A)	(B)
1- Cotton	a- an be used in making plastic
2- Oil product	b- can be used in making paper
3- Trees	c- can be used in making clothes
	d- can be used in making cans

1- .....

2- .....

3- .....

**(B) : - Give reason : -**

1. Occurrence of day and night phenomenon.



2. Atmosphere limits the using of some telescopes to see distant celestial bodies.

**Third Question :- (A) :- Write the scientific term :-**

1. The fastest rotating planet that rotates on its axis. ( ..... )
2. Areas of the ocean which contain coral reefs and intertidal zones. ( ..... )
3. The orbiting of Earth around the Sun. ( ..... )

**(B) :- Cross out the odd word :-**

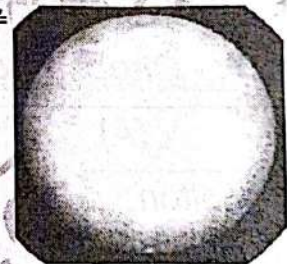
1. Rivers - Ponds - Oceans - Groundwater. ( ..... )
2. Friction - The Sun - Gravity - Air resistance. ( ..... )

**Fourth Question: - (A) :- Correct the under line: -**

Glaciers are part of the lithosphere. ( ..... )

**(B) :- Look at the opposite figure then mention:**

The name of the lunar phase of this moon's shape and when it begins to appear in the lunar month.\*



**(C) :- Put ( ✓ ) or ( X ) :-**

Magnetic force is considered only a pulling force. (     )



<b>Model Exam</b>  2 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

### Answer each of the following questions

#### First Question : -

(A) : - put ( √ ) or ( X ) :-

1. Wastewater engineers are scientists who work on recycling wastewater in water treatment plants. ( )
2. The atmosphere let's all light waves to pass to the Earth. ( )
3. Cotton can be used as a filter to remove some waste materials from water. ( )

(B) : - Correct the underlined words : -

1. The only star in the solar system is the Earth. ( ..... )
2. The phenomenon of four seasons occurs due to rotation of Earth on its axis. ( ..... )

#### Second Question : -

(A) : - Classify the following items into the Earth's system which belongs to : -

Rock	Rabbit	Helium	Glaciers
.....	.....	.....	.....

(B) : - Write the scientific term : -

1. Imaginary line that passes through the two poles of Earth. ( ..... )

#### Third Question : -



**(A) : - Answer the following question : -**

One way to conserve natural resources is sustainability.

( using resources in a way that does not affect their future )

What factors negatively affect sustainability ?

**(B) : -** A body with a mass of 100 kg and another with a mass of 400 kg. Which one does the Earth attract more ? And Why ?

**Fourth Question : - (A) : - Complete the following sentences: -**

1- ..... is an area of the world that has similar soil, climate, plants and animals.

**(B) : - Give reason : -**

1-Although the moon lights at the sky, we don't consider it as a star.

**(C) : - Mention : -**

1- The factors that affect gravity.



<b>Model Exam</b> 3	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
	<b>Educational Directorate</b>	<b>2<sup>ND</sup> Term May 2025</b>	<b>توجيه عام العلوم لغات</b>
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي (الاجابة في نفس الورقة / صفحة واحدة)		

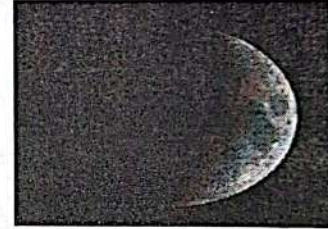
### Answer each of the following questions

#### First Question : -

##### (A) : - Cross out the odd word : -

1. Second crescent - First gibbous - Second quarter - The Sun. ( ..... )
2. Wetlands - Oceans - Groundwater - Rivers. ( ..... )

##### (B) : - Write the name of the lunar phase below each of the following moon's shapes : -



#### Second Question : - (A) : - Give reason : -

- 1- 1. Occurrence of seasons on Earth.

2. The moon is a dark body but we see it shiny at night.

##### (B) : - Compare between following water body according to water movement : -

P.O.C	Ponds	Ocean	Streams
Water movement	.....	.....	.....

#### Third Question : - (A) : - What happen if : -



1. Earth doesn't rotate on its axis.

2. Gravity of object when its mass increases.

**(B) : - Choose the correct answer : -**

1. Coral reefs live in ..... of aquatic ecosystem.

a. frozen areas   b. abyssal zones   c. fresh water   d. shallow areas

2. Two magnets move away from each other when there is a ..... force between them.

Gravitational   b. repulsion   c. contact   d. pulling

3. All the following animals live in oceans and seas, except ..... catfish.   b. starfish.   c. dolphin.   d. moses fish

**Fourth Question : - (A) : - What happen when : -**

The rainfall was more than the river could contain.

**(B) : - Classify the following water sources according to their type : -**

Water source	Water source's type
1. Rivers	.....
2. Oceans *	.....
3. Ponds	.....
4. Estuaries	.....

**(C) : - Mention:**

The importance of dams.



<b>Model Exam</b>  <b>4</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة فى نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Choose the correct answer : -**

- 1- Pollution of sea water leads to .....  
 a- pollution of water of a tributary      b- pollution of ocean water  
 c- pollution of water streams      d- wetland pollution
- 2- A group of plant and animals which live together in a large area characterized by its climate is called .....  
 a- atmosphere      b- hydrosphere      c- biome      d- geosphere
- 3- Water that covers most of the Earth's surface .....  
 a- fresh water in rivers      b- salty water in seas and oceans  
 c- fresh water in glaciers      d- fresh water in groundwater
- 4- If an object is projected vertically upwards, so the object .....  
 a. returns again to Earth under the effect of gravity.  
 b. floats in space because there is no gravity.  
 c. cling because its gravity equals that of earth.  
 d. moves fast towards space.
- 5- Planets continue revolving around the sun in fixed orbits under the effect of .....  
 a. Earth's gravity.      b. Sun's gravity.  
 c. Planets gravity.      d. Moon's gravity

**Second Question : - (A) : - Complete the following sentences : -**

- 1- Rivers and streams contain ..... water, while ponds contain ..... Water.
- 2- ..... gives heat and light.
- 3- Water is a renewable source because it has .....
- 4- Mountains and valleys are parts of .....

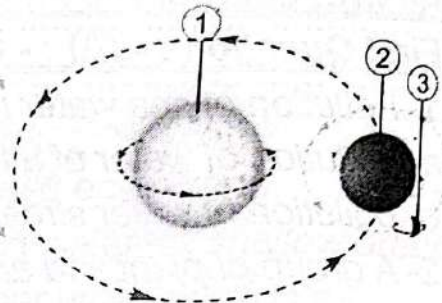
**(B) : - Give a reason for : -**

- 1- Occurrence of the four seasons on the Earth.



**Third Question : - (A) : - Look at the opposite figure, then complete : -**

- 1- Body number (1) is called .....
- 2- Body number (2) is called .....  
which revolves around number (1) in  
..... orbit
- 3- Body number (3) is called .....



**(B) : - Write the scientific term of the following : -**

- 1- The acting force on the moon to make it rotates around the Earth  
( ..... )
- 2- The process of breaking down of rocks into smaller particles due to the effect of rain, water or temperature. ( ..... )

**Fourth Question : - (A) : - Put ( √ ) or ( X ) : -**

- 1- Water makes about two-thirds of human body. (   )
- 2- Any object on Earth's surface is affected by repulsion force of gravity. (   )
- 3- Our solar system contains one star and eight moons. (   )

**(B) : - What happen to : -**

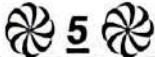
- 1- The shadow of an object if the sun locates at east or west in sky.

**(C) : - Look at the opposite figure then answer : -**

- 1- Label the figure  
using the following  
words .( Charcoal -  
Wastewater - Cotton -  
Filtered water - Sand )





<b>Model Exam</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Choose the correct answer : -**

- 1- Heat and light energies of the sun result from .....
  - a. explosion of the extremely hot gases inside the sun.
  - b. the apparent of sun motion daily.
  - c. revolution of Earth in an elliptical orbit around the sun.
  - d. revolution of moon around the Earth in front of the sun.
- 2- The illuminated moon in the shape of circle is called .....
  - a. full moon    b. new moon    c. first quarter    d. first crescent
- 3- The force which is originated between two touching surfaces and causes to slow the motion is called ..... force.
  - a. pushing    b. dragging    c. friction    d. pulling
- 4- A protectorate is one example of .....
  - a. sustainability of natural resources.    b. depletion of natural resources.
  - c. the quality of natural resources.    d. preservation of natural resources.
- 5- Weathering of rocks by water indicates an interaction between...
  - a. Hydrosphere and geosphere.    b. biosphere and hydrosphere.
  - c. biosphere and atmosphere.    d. atmosphere and hydrosphere.

**Second Question : - (A) : - put ( √ ) or ( X ) :-**

- 1- Magnetism is a force of pushing or pulling between two magnets. ( )
- 2- The planets revolve around the Sun in a circular orbit. ( )
- 3- Weathering of rocks by rains is an example of the interaction between hydrosphere and biosphere. ( )
- 4- Generating electricity is from the use of water. ( )



**(B):- What happens to:-** The planets if the gravity of the Sun disappears

**Third Question :- Choose from column (B) what suits column (A):-**





(A)	(B)
1- Dolphin	a- can be used in making plastic
2- Salmon	b- lives in fresh water
3- Oil products	c- lives in salt water
4- Cotton	d- can be used in making cans
	e- can be used in making clothes

1- ..... 2- ..... 3- ..... 4- .....

**(B) :- Cross out the odd word :-**

Streams – ponds – rocks – rivers ( ..... )

**Fourth Question :- Choose from column (B) what suits column (A):-**

(A) Moon phase	(B) Moon shape
1. Full moon	a. 
2. New moon	b. 
3. Crescent	c. 
4. Gibbous	d. 

1- ..... 2- ..... 3- ..... 4- .....

**(B):- Give a reason for :-** Occurrence of day and night on the Earth.



<b>Model Exam</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
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**Answer each of the following questions**

**First Question :- (A) :- Choose the correct answer :-**

- 1- An example of salt water is the ecosystem .....  
 a. Assal lake      b. Nile River      c. A glacier      d. Nasser Lake
- 2- From the materials which are attached to the magnet .....  
 a. iron and nickel      b. aluminum and copper  
 c. silver and gold      d. aluminum and silver
- 3- It results from biosphere and atmosphere interaction .....  
 a. Availability of oxygen gas      b. soil fertility  
 c. Increased pollution      d. photosynthesis
- 4- Moon seems to be lighted in the sky due to .....  
 a. Reflection of Earth light on Moon's surface  
 b. Reflection of stars light on Moon's surface  
 c. Reflection of sun lights on Moon's surface  
 d. Self-lighting of Moon at night

**(B) :- What is the difference between :-**

The type of water in seas and streams.

**Second Question :- (A) :- put ( √ ) or ( X ) :-**

- 1- The sequence of day and night is due to rotation of the Earth around its axis. ( )
- 2- Wastewater engineers work in Egypt in Bahr El Baqar plant. ( )
- 3- Moon orbiting the Earth, and the reflection of sunlight on it, leads to formation of Moon phases. ( )
- 4- Sea and ocean water meet with rivers water at stream. ( )

**(B) :- Write the scientific term :-**

A force that is generated between two touching surfaces.

( ..... )

**Third Question :- (A) :- Write each word from the word bank next to the statement that best describes it :-**



- 1- Very large body of salt water. ( ..... )
- 2- A body of water surrounded by land that is often fresh but sometimes salty. ( ..... )
- 3- Water that lies beneath Earth's surface and has been leaked into Earth through a layer of porous rock. ( ..... )
- 4- A water body that the water flows from an area of high altitude to an area with lower altitude in a definite path. ( ..... )

*The shadow length over the course of the day.*

Figure (A)

Figure (B)

Figure (C)

- 1- The shadow of the tree will be longer at .....  
figure (A) only. b. figure (C) only.  
c. figure (B) and figure (C). d. figure (A) and figure (B).
- 2- The time at which (C) illustrates is .....  
a. 12 p.m. b. 10 a.m. c. 2 a.m. d. 3 p.m.
- 3- At noon the Sun locates above us during its movement that can be represented by .....  
a. figure (A) only. b. figure (C) only.  
c. figure (B) and figure (C). d. figure (A) and figure (B).
- 4- the correct order of these figure that shows the rising of the sun till it sets is .....  
A → B → C. b. C → B → A.  
c. B → C → A. d. A → C → B.

1. Rivers - Ponds - Oceans - Groundwater. (.....)



<b>Model Exam</b> 	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
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	<b>نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي</b> <b>((الاجابة في نفس الورقة / صفحة واحدة))</b>		

**Answer each of the following questions**

**First Question : -(A) : - Choose the correct answer : -**

- 1- Fresh water that leaks into Earth through a layer of porous rock is
  - a. Mediterranean Sea water
  - b. Bahr Al Baqar plant water
  - c. Assal lake
  - d. groundwater
- 2- Most of fresh water on Earth is found in the form of .....
  - a. Groundwater.
  - b. rivers.
  - c. glacier.
  - d. streams.
- 3- ..... of resource, requires managing its usage methods.
  - a. Depletion
  - b. Sustainability
  - c. Renewability
  - d. Scarcity
- 4- Parachute helps in .....
  - a. Increasing the velocity of object falling to the ground.
  - b. Slowing down the velocity of object falling in the ground.
  - c. Decreasing the air resistance against the falling object.
  - d. Increasing the drag to object towards the gravity.
- 5- Appearance of Orion constellation in the sky is an evidence of .....
  - a. rotation of Earth around its axis and around the Earth.
  - b. Constellation of stars in the sky in geometrical figures.
  - c. The rotation of moon around its axis facing the sun.
  - d. Apparent motion of the Sun due to the rotation of Earth around its axis.

**Second Question : -**

**(A) : - Complete the following sentences using these words : -**

(seas – small – estuary – medium – friction)

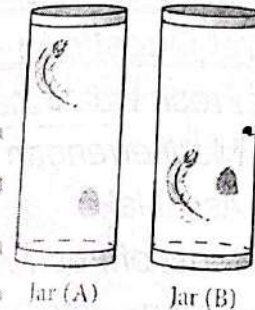
- 1- The water body that contains a mixture of sea water and river is .....
- 2- The Sun is ..... Sized star.
- 3- ..... is a force generated between two touching surface.
- 4- Moses fish live in ..... water.

**(B) : - Give reason : - Gravitational force depends on distance.**



**Third Question :- (A) :- imagine that jar (A) contains air , while jar (B) doesn't contain air :-**

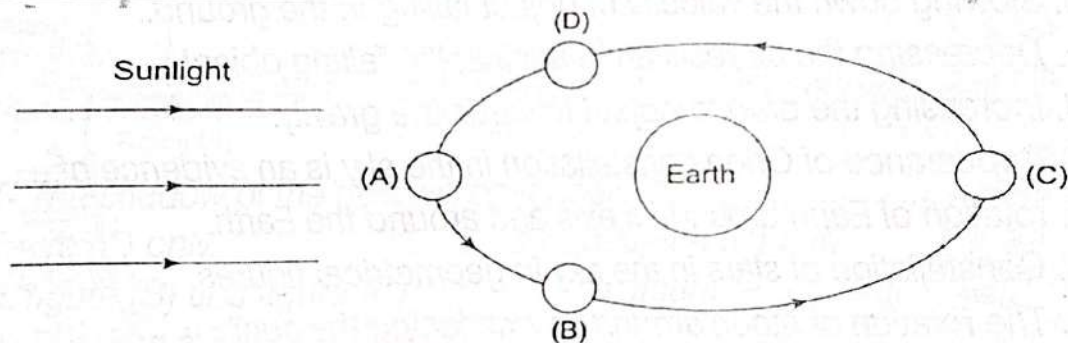
- 1- The two bodies in jar (A) are affected by .....  
(gravity only – air resistance and gravity)
- 2- The two bodies in jar (b) are affected by .....  
(gravity only – air resistance and gravity)



**(B) :- Cross out the odd word :-**

- 1- Oxygen – Nitrogen – Water – Carbon dioxide. ( ..... )
- 2- Ponds – Oceans – Rains – Glaciers. ( ..... )
- 3- Air resistance – friction – Magnetism – The Sun.( ..... )

**Fourth Question :- Look at the following figures then answer:-**

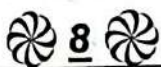


- 1- The celestial body that revolves around the Earth in this figure is .....  
(the moon – the Sun – Jupiter)
- 2- The moon phase at position (A) is .....  
(full moon – new moon – crescent)
- 3- The moon phase at position (C) is .....  
(full moon – new moon – crescent)
- 4- Crescent phase will appear at .....  
(position A only - position A and B - position B and D)

**(B) :- put ( √ ) or ( X ) :-**

- 1- Salty water forms 97% of the atmosphere. ( )



<b>Model Exam</b> 	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
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**Answer each of the following questions**

**First Question : -(A) : - Choose the correct answer : -**

- 1- One of the results of the revolution of the Earth in elliptical orbit around the sun and inclination of its axis is .....
  - a. Differences in sunrise time and sunset time, day after another.
  - b. Differences in sunrise time, day after another.
  - c. Differences in sunset time, day after another.
  - d. Stability of sunrise time and sunset time, throughout the year.
- 2- The illumination and shining of the stars in the sky is an evidence that .....
  - a. They are composed of extremely hot gases.
  - b. They are under the effect of sun gravity.
  - c. They belong to our solar system.
  - d. They are from the followers of the sun.
- 3- The idea of sundial depends on .....
  - a. formation of shadows      b. rotation of object around its axis
  - c. motion of the moon      d. falling objects under the effect of gravity
- 4- ..... are parts of geosphere.
  - a. Plants      d. Rocks      c. Gases      d. water bodies
- 5- It results from biosphere and atmosphere interaction .....
  - a. availability of oxygen gas      b. soil fertility
  - c. Increased pollution      d. photosynthesis

**Second Question : -**

**(A) : - Complete the following sentences using these words : -**

(Solar system – Force – Biosphere – watershed)

- 1- ..... is the system that includes all living organisms on the earth.
- 2- ..... is an area of land where water from different sources flows towards a common location.



- 3- ..... contains the sun and eight planets revolving around it.  
4- ..... is a pull or push that is applied to an object.

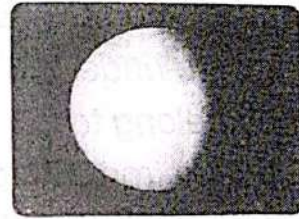
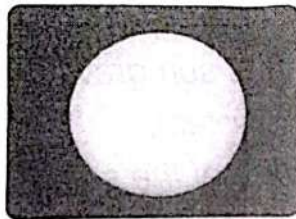
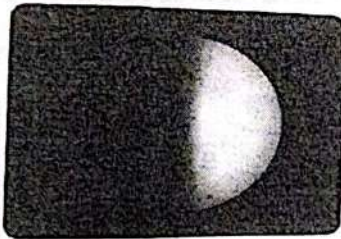
**(B) : - Cross out the odd word : -**

River – Rainwater – Groundwater – Ocean. ( ..... )

**Third Question : - (A) : - put ( √ ) or ( X ) : -**

- 1- Fresh water forms 55% of the hydrosphere. ( )  
2- Constellations appear in the sky are different in winter than in summer. ( )  
3- The moon reflects sunlight that falls on it. \* ( )  
4- Lake Nasser is from freshwater lakes in Egypt. ( )

**(B) : - Write the name of the lunar below each of the following moon's shapes : -**



**Fourth Question : - (A) : - Give reason : -**

- 1- 1. Occurrence of seasons on Earth.  
.....  
2. The moon is a dark body but we see it shiny at night.  
.....

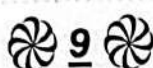
**(B) : - What happen if : -**

1. Earth doesn't rotate on its axis.  
.....  
2. Gravity of object when its mass increases.  
.....

**(C) : - Cross out the odd word : -**

1. Rivers - Ponds - Oceans - Groundwater. ( ..... )



<b>Model Exam</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Choose the correct answer : -**

1. .... of resources, requires managing its usage methods.  
 a. Depletion.    b. Sustainability.    c. Renewability.    d. Scarcity

**(B) : - Give reason for : -**

1. Occurrence of day and night.

2. Some ponds and lakes may dry up during some months.

3. The ball changes its direction after we throw it upwards.

4. Occurrence of seasons.

**Second Question : -**

**(A) : - Put ( ✓ ) or ( X ) : -**

1. Oceans contain a large amount of fresh water. ( )

**(B) : - What happen when : -**

1. The river water meets the sea water.

2. Sun light falls on the moon's surface.



3. The planets if the sun has no gravity.

**Third Question : - (A) : - Complete the following sentences : -**

1. .... is an area of land where water from different sources flows towards a common location.
2. Moses fish live in ..... water.

**(B): - Mention uses or importance of the following : -**

1. Parachute for skydivers .....
2. High Dam in Egypt .....
3. Water filter .....



**Fourth Question : - (A) : - Write the scientific term : -**

1. It is the water that already been used in homes and different industries. ( ..... )
2. They are small water bodies such as small creeks or streams that flow into bigger rivers. ( ..... )
3. The force that found between two magnets or between the magnet and an object. ( ..... )

**(B): - Cross out the odd word : -**

1. Streams – Ponds – Rocks - Rivers. ( ..... )
2. Ground water – stream – river – sea. ( ..... )



<b>Model Exam</b>  <b>10</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Complete the following sentences : -**

1. Most lakes have ..... water, while some other lakes have ..... water.
2. Cycle of ..... happens due to Earth's rotation on its .....

**(B) : - Give reason : -**

1. Importance of atmosphere for plants in making their food.

2. The distance between the Moon and Earth increases twice.

**Second Question : - (A) : - Write the scientific term : -**

1. The large water body that is surrounded by land. (.....)
2. The fastest planet during its rotation on its axis. (.....)

**(B) : - Put ( √ ) or ( X ) : -**

1. Most of salt water on Earth is found in form of frozen water. ( )
2. The Earth's gravity keeps all planets in their orbits. ( )
3. The spinning of Earth on its axis is called revolution. ( )



**Third Question :-**

**(A) :- Choose the correct answer :-**

1. The area of land where all the water flows in one direction to a common location as ocean is called .....

- a. tributary.      b. estuary.      c. wetland.      d. watershed.

2. Plastic cup is made from products .....

- a. plant.      b. oil.      c. animal.      d. human.

3. The Earth's axis is an imaginary line that passes through .....

- a. the two poles of Earth      b. the center of the moon  
c. the center of the solar system      d. the center of the sun

**(B) :- What happen when :-**

1. Water is collected in a low-lying area.

.....  
.....

2. A metal ball and father are fallen down from a tower.

.....  
.....

**Fourth Question :- (A) :- Mention :-**

1. The results based on rotation of the Earth around its axis.

.....  
.....

**(B) :- Cross out the odd word :-**

1. Streams - Ponds - Rocks - Rivers. ( ..... )

2. Nitrogen - Sand - Oxygen - Carbon dioxide. ( ..... )

=====

<b>Model Exam</b>  <b>11</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Choose the correct answer : -**

1. Groundwater present under Earth's surface in rock and soil porous. This is an interaction between ..... And .....

- a- hydrosphere- geosphere                      b- biosphere- atmosphere  
c- geosphere- atmosphere                      d- hydrosphere- biosphere

**(B) : - What happens to : -**

1. The rate of rainfall increases on a river.

.....

1. The planets if the sun has no gravity.

.....

**Second Question : - (A) : - Complete the following sentences : -**

1- ..... is an area of the world that has similar soil, climate, plants and animals.

**(B) : - Give reason : -**

1-Although the moon lights at the sky, we don't consider it as a star.

.....

**(C) : - Mention : -** 1- The factors that affect gravity.

.....



=====

**Third Question : -**

**(A) : - Cross out the odd word : -**

1. second crescent – first gibbous – second quarter – hubble space telescope. ( ..... )

**(B) : - Give reason : -**

1- Air resistance affects the movement of an object which falls from a height.

1- Our planet looks like a blue marble from the space.

=====

**Fourth Question : -**

**(A) : - Put ( √ ) or ( X ) : -**

1. Dams can be used to filter polluted water to be used again. ( )

**(B) : - Compare between : -**

1- ( New moon- First crescent- First gibbous ).

=====

**(C) : - Complete the following sentences : -**

1- We must take a quick shower to conserve .....

=====





2. Most of fresh water on Earth can't be used for drinking.

**Third Question :-**

**(A) :- What is meant by :- ( Biosphere )**

**(B) :- Put ( √ ) or ( X ) :-**

1. Ocean and seas are considered as a part of the atmosphere. ( )

**(C) :- Write the scientific term :-**

1. The time taken y earth to complete one rotation on its axis.

( ..... )

**Fourth Question :-**

**(A) :- Compare between :-**

1. Friction and Air resistance.

**(B) :- Complete the following sentence :-**

1. Water is responsible for ..... process and  
..... process of rocks.



<b>Model Exam</b>  <b>13</b> 	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
	<b>Educational Directorate</b>	<b>2<sup>ND</sup> Term May 2025</b>	<b>توجيه عام العلوم لغات</b>
	<b>نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي</b> <b>((الاجابة في نفس الورقة / صفحة واحدة))</b>		

**Answer each of the following questions**

**First Question : - (A) : - Choose the correct answer : -**

1. All the following reasons cause water pollution in a river, except...
  - a. litter of a nearby trash dump.
  - b. waste of a nearby factory.
  - c. chemical fertilizers of a nearby farm.
  - d. building a dam across the river.

**(B) : - What happens if : -**

1. A trash dump is established near a tributary that is connected with a river.

2. A metal ball and a feather are fallen down from the tower.

**Second Question : - (A) : - Put ( √ ) or ( X ) : -**

1. the total amount of water on Earth doesn't change. ( )

**(B) : -** There are a two apples on tree, one of them has a mass of 50 gm while the mass of the other is 80 gm.

1. **Which** one of these apples is affected by Earth's gravity more than the other.



2. Give a reason for your answer.

**Third Question : - (A) : - Arrange the following : -**

1. The flowing of water bodies that are connected with other.  
( Ocean - Bigger river - Tributaries ).

**(B) : - Give reason : -**

1. We should turn off water during washing dishes.

2. The moon is a dark body but we see it shiny at night.

**Fourth Question : - (A) : - Write the scientific term : -**

1. A large area of the world that has similar soil, climate, plants and animals.  
( ..... )

**(B) : - Compare between : -**

1. ( Biosphere – Hydrosphere – Geosphere ).



<b>Model Exam</b>  <b>14</b> 	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
	<b>Educational Directorate</b>	<b>2<sup>ND</sup> Term May 2025</b>	<b>توجيه عام العلوم لغات</b>
	<b>نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي</b> <b>((الاجابة في نفس الورقة / صفحة واحدة))</b>		

**Answer each of the following questions**

**First Question : - (A) : - Choose the correct answer : -**

1. Water turns from liquid to solid by ..... (Heating- cooling)

**(B) : - Give reason : -**

1. Plants are considered as renewable resource.

.....

.....

2. The moon revolves around Earth in a fixed orbit.

.....

.....

**(C) : - Correct the underline word : -**

1. Moses' fish are found in Nile River. ( ..... )

2. Objects on Earth surface will change. ( ..... )

=====

**Second Question : - (A) : - Choose the correct answer : -**

1. The ponds are characterized by ..... water.

a. fast flowing      b. very salty      c. still      d. salty

**(B) : - Write the scientific term : -**

1. A Type of friction force generating the movement of an object in the air. ( ..... )

2. Water that found in cracks and spaces of ground. ( ..... )

**(C) : - What happen if : -**

1. The amount of rain falling was very little.

.....

.....

2. Approach metal paper clips to the magnet.

.....

.....



=====

**Third Question :-**

**(A) :- Put ( √ ) or ( X ) :-**

1. Earth, gravity is stronger than moon, gravity. (    )
2. Water lilies live in sea water. (    )

**(B) :- Mention :-**

1. Three uses of water.
- .....
- .....

1. The Earth, interacting system for Earthworms live in soil and make shelter for them.
- .....
- .....

=====

**Fourth Question :-**

**(A) :- Complete the following sentence :-**

- 1- The ..... is one of the factors affecting sustainability.
- 2- The total amount of water on the Earth is .....

**(B) :- Give Reason :-**

- 1- Half of Earth appears dark at night.
- .....
- .....

- 2- The sun is the center of the motion in the solar system.
- .....
- .....

**(C) :- Classify the following water sources according to their type :-**

- 1- Estuaries /Seas /Stream /Oceans.
- .....
- .....
- =====



<b>Model Exam</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Complete the following sentence : -**

1. If the distance between the Moon and Earth increases, the gravity between them .....

**(B) : - Compare between : -**

P . O . C	Gravity	Magnetism
Type of force	.....	.....

P . O . C	Stream	Gulfs
Type of water	.....	.....

**Second Question : -**

**(A) : - Write the scientific term : -**

1. An imaginary line that passes through the two poles of Earth.

( ..... )

**(B) : - Classify the following : -**

1. Trout - Salamanders - Moses fish - Kelp - water lilies - Catfish -  
Dolphin - Starfish - frogs.

Ocean	Stream	Bonds
.....	.....	.....
.....	.....	.....
.....	.....	.....



**Third Question : - (A) : - Choose the correct answer : -**

1. The ..... is known as the place where the river meets the sea.  
a. wetlands                      b. estuary                      c. sea                      d. ocean
2. Using resources in a way that does not negatively affect the future supply of these resources is called .....  
a. Recycling      b. Sustainability      c. Preservation      d. Conservation

**(B) : - What do these numbers indicate : -**

1. 24 hours .....
2. 107000 km/h .....
3. 71% .....

**Fourth Question : - (A) : - Put (  $\sqrt{\phantom{x}}$  ) or ( X ) : -**

1. A river always flows from an area of low place to an area with higher place . ( )
2. The sequence of day and night is due to rotation of the Earth around its axis . ( )


**(B) : - Look to the following figures the answer : -**



1. Which of them has a greater attractive force.

2. Give reason to your answer.



<b>Model Exam</b>  <b>16</b> 	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
	<b>Educational Directorate</b>	<b>2<sup>ND</sup> Term May 2025</b>	<b>توجيه عام العلوم لغات</b>
	<b>نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي</b> <b>((الاجابة في نفس الورقة / صفحة واحدة))</b>		

**Answer each of the following questions**

**First Question : - (A) : - Complete the following sentences : -**

1. Water can cause ..... process, then ..... process of rocks.
2. Cotton, ..... and ..... can be used in making a simple water filter
3. The force of gravity is ..... force and it changes the ..... of movement.
4. The largest object in the solar system is the .....

**(B) : - Cross out the odd word : -**

1. Earth – Jupiter – the sun – The moon. ( ..... )
- =====

**Second Question : -**

**(A) : - Put ( √ ) or ( X ) : -**

1. The ceiling of the planetarium has a dome shape. ( )
2. The atmosphere lets all light waves to pass to the earth. ( )
3. Force is the reason of motion of any body. ( )
4. We mustn't conserve fresh water. ( )

**(B) : - What happen when : -**

1. Earth doesn't rotate on its axis.
- .....
- .....
- .....
- =====



**Third Question : - (A) : - Write the scientific term : -**

1. The moon phase at which moon seems completely bright.

( ..... )

2. The sun and eight planets revolving around it. ( ..... )

3. A group of stars that forms a pattern or looks like a certain shape in the sky. ( ..... )

4. Water that is found under the earth's surface. ( ..... )

**(B) : - Give reason : -**

1. Stars seem to move in the sky.

.....

.....

=====

**Fourth Question : -**

**(A) : - Choose from column (B) that suits column (A) : -**

A	B
1. Oceans	a. Contains fresh water or salt water.
2. Lakes	b. Contains salt water only.
3. Rivers	c. Have still water
4. ponds	d. Contains fresh water only.
	e. Are partially covered with water.

1. .... 2. .... 3. .... 4. ....

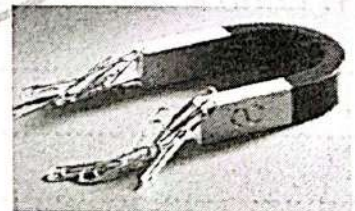
**(B) : - Look at the opposite figure then mention : -**

1- This force is called. ....

2- This force may ..... or

.....

=====







**(C) : - What happen when : -**

1. The gravity of the sun disappears.

.....

.....

=====

**Third Question : - (A) : - Put (√) or (X) :-**

1. The magnet can exert a polling force only.

( )

**(B) : - Cross out the odd word : -**

1. River - Rainwater - Groundwater - Ocean.

( ..... )

2. Rocks - River - Ponds - Seas.

( ..... )

**(C) : - What happen when : -**

1. The river water meets the seawater.

.....

.....

=====

**Fourth Question : - (A) : - Choose the correct answer : -**

1- The sun and other stars are made up of .....

a. hot solids

b. cold solids

c. hot gases

d. cold liquids.

**(C) : - Give a reason : -**

1. We must conserve fresh water.

.....

.....

=====



2. The moon is attracted to the Earth.

.....

.....

=====



<b>Model Exam</b>  <b>18</b> 	<b>Dakahlia Governorate</b>	<b>Science Primary Five</b>	<b>Time : 1½ Hours</b>
	<b>Educational Directorate</b>	<b>2<sup>ND</sup> Term May 2025</b>	<b>توجيه عام العلوم لغات</b>
	<b>نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي</b> <b>((الاجابة في نفس الورقة / صفحة واحدة))</b>		

**Answer each of the following questions**

**First Question : - (A) : - Choose the correct answer : -**

1. All the following source of water on the earth except .....  
a- groundwater      b- ponds      c- glacier      d- molten rocks
2. .... Are from water collect in low lying areas.  
a- seas      b- lakes      c- river      d- ocean
3. The sun and other stars made up of .....  
a- hot solids      b- cold solids      c- hot gases      d- cold liquids

**(B) : - Give two examples : -**

1. About factors affecting gravitational force.

**Second Question : - (A) : - Put ( √ ) or ( X ) : -**

- 1- Magnetism is attraction force only . ( )
- 2- The direction and mass of an object are changed due to gravity. ( )
- 3- All living organisms are parts of the atmosphere. ( )

**(B) : - Give reason : -**

1. No green plants can survive in the abyssal zones of oceans.

**(C) : - Compare between : -**

P . O . C	Sun	Moon
Emit heat and light	.....	.....



=====

**Third Question : - (A) : - Correct the underlined word : -**

1- The effect of gravity increases whenever an object is raised above Earth's surface. ( ..... )

2 - Waterfalls flow from the top of a river to the bottom due to air resistance. ( ..... )

**(B) : - What happen if : -**

1. Animals that live in lakes if the dry up.

.....

.....

.....

**(B) : - Mention : -**

1. Two ways to conserve fresh water.

.....

.....

.....

=====

**Fourth Question : - (A) : - Complete the following sentence : -**

1. Sun located in ..... of solar system.

**(B) : - What happen to : -**

1. A metal ball and feather are falling down from the tower.

.....

.....

.....



2. The length of shadow at noon.

.....

.....

.....



<b>Model Exam</b>  <b>19</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Complete the following sentences : -**

1. In high dam water is used to generate .....
2. When a river meets a sea an ..... is formed.
3. In morning and ..... the sun forms longer shadow of an object.

**(B) : - Give reason : -**

1. Occurrence of seasons.

**(C) : - Write the scientific term : -**

1. Scientists that manage the planetarium building. ( ..... )

**Second Question : - (A) : - Correct the underlined word : -**

1. The moon seems bright as it absorb sunlight . ( ..... )

**(B) : - Classify the following sources of water : -**

A- rain      B- wetland      C- glacier      D- ocean.

Fresh water	Salty water *
.....	.....
.....	.....

**(C) : - Put ( √ ) or ( X ) : -**

1. Sun is the only star in a solar system . ( )
2. Plants need fresh water to survive and grow . ( )
3. The type of water in rivers is fresh water only . ( )



**Third Question : - (A) : - Choose the correct answer : -**

1- The fastest planet that rotates on its axis in the solar system .....

a- earth      b- Jupiter      c- the sun      d- the moon

2- Which of the following is a part of biosphere .....

a- wood      b- ice      c- animals      d- water

3- From factors of gravitational force .....

a- mass      b- volume      c- temperature      d- area

**(B) : - Complete the following table : -**

P . O . C	Ponds	Streams
Water movement	.....	.....
Species live in it	.....	.....

**Fourth Question : - (A) : - Choose the correct answer : -**

1- ..... has the least attraction force.

a- Moon      b- Earth      c- Sun      d- Magnet

**(B) : - Mention : -**

1. Two species live in stream.

.....  
.....

2. The time during day that form shortest shadow for an objects.

.....  
.....


**(C) : - What happen to : -**

1. State of water when it subjected to extreme cold weather.

.....  
.....

=====



<b>Model Exam</b>  <b>20</b> 	Dakahlia Governorate	Science Primary Five	Time : 1½ Hours
	Educational Directorate	2 <sup>ND</sup> Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف الخامس الابتدائي ((الاجابة في نفس الورقة / صفحة واحدة))		

**Answer each of the following questions**

**First Question : - (A) : - Write the scientific term : -**

1. The sun and eight planets revolving around it. ( ..... )

**(B) : - What happens to : -**

1. A tree shadow in the morning and at noon.

**(C) : - Mention : -**

1. The factors that negatively affect sustainability.

**Second Question : - (A) : - Put ( √ ) or ( X ) : -**

1. Most of the fresh water on Earth is found in liquid or running water. (S)

**(B) : - Give Reason : -** 1. Astronauts float into space.

**(C) : - Answer the following : -** A body with a mass of 100 kg and another with a mass of 400 kg.

1. Which one does the Earth attract more.

2. Give reason for your answer.



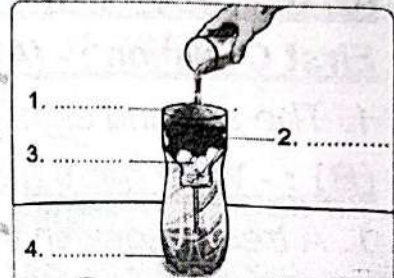
**Third Question : - (A) : - Cross out the odd word : -**

1. Iron – Copper – Nickel – Cobalt. ( ..... )

**(B) : - Look at the opposite figure then answer : -**

1. Label the figure using the following words  
(Charcoal – Cotton – Filtered water – Sand).

1. .... 2. ....  
3. .... 4. ....



**(C) : - Complete the following table : -**

P . O . C	Ponds	Oceans
Water movement	.....	.....
Type of water	.....	.....

**Fourth Question : - (A) : - Put ( √ ) or ( X ) : -**

1. Dams can be used to filter polluted water to be used again. ( )

**(B) : - What happens when : -**

1. The gravity of the moon affects on seas and oceans.

**(C) : - Give reason : -**

1. The Moon appear bright in the sky at night.

**(D) : - Arrange the following : - ( Moon , Earth , sun , Jupiter ) in descending order according to their attraction force.**



حمل الآن

مجانا وحصريا

# امتحانات رقم (5)

## الترم الثاني



امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

- ١- Mountains and valleys are parts of .....
- a- geosphere      b- atmosphere      c- biosphere      d- hydrosphere
- ٢- Most of fresh water on Earth is found in the form of .....
- a- ground water      b- rivers      c- glacier      d- streams
- ٣- ..... is considered as a type of friction force.
- a- Air resistance      b- Gravity      c- Magnetism      d- Electricity
- ٤- The sun and other stars are made up of .....
- a- hot solids      b- cold solids      c- hot gases      d- cold liquids

(B) : - Give reason : -

We must conserve fresh water ?

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.....  
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=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) : -

- ١- Gravity force can be seen easily, but we cannot see its effects. ( )
- ٢- Some animals live in streams such as catfish and salmon. ( )



٢-The water of tributaries flows directly into seas and oceans. ( )

٣-Earth axis is an imaginary line passes through Earth's poles. ( )

( B ) : - What happen when ; -

The river water meets the sea water.

.....  
.....  
.....

=====

Third Question ; -

(A) : - Write the scientific term ; -

١-A large area of the world that has similar soil, climate, plants and animals. ( ..... )

٢-Force of attraction or repulsion between two magnets or between a magnet and object. ( ..... )

٣-The phenomenon that occurs when half of the Earth facing the sun. ( ..... )

٤-Water bodies that surround the continents.( ..... )

( B ) : - Cross the odd word ; -

Seas - Rivers - Gulfs - Oceans. ( ..... )

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Serial No.

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Serial No.

..... / اسم الطالب \*

..... / رقم الجلوس \*

Dakahlia Governorate

Science Primary Five

Time : 1 ½ hours

Educational  
Directorate

Second Term exam May  
٢٠٢٤

توجيه عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١-.....are part of geosphere.

a- Plants                      b- Rocks                      c- Gases                      d- Water

٢-Catfish can survive in .....water environment.

a- salt and still                      b- fresh and fast

c- salt and current                      d- fresh and still

٣-Pond and swamps are from .....

a- watershed.    b- estuary.                      c- underground aquifers.    d- wetland.

٤-As the mass of object increases, ..... increases.

a- its movement                      b- its force                      c- its gravity    d- its illumination

(B) : - Give reason : -

The boy on the slide moves toward the ground ?

.....  
.....  
.....

=====

Second Question : - (A) : - Write the scientific term : -

Q٢ (A) Write the scientific term:

١-Areas of ocean which contain coral reefs and intertidal zone.

( ..... )



٧-A type of water which is suitable for drinking.

( ..... )

٧-The force by which some metals are attracted or pulled to a magnet.

( ..... )

٨-The movement of an object around another objects.

( ..... )

( B ) : - Cross the odd word : -

Earth - Jupiter - The sun - The moon. ( ..... )

=====

Third Question : -

( A ) : - Put (  $\checkmark$  ) or ( X ) : -

١-All animals and plants can live in aquatic habitat. ( )

٢-Dams can be used to filter polluted water to be used again. ( )

٣-The direction and mass of an object are changed due to gravity. ( )

٤-The sun is the biggest star in the universe. ( )

( B ) : - What happen when : -

The length of the shadow of an object at noon.

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Serial No. ....

Serial No. .... / اسم الطالب  
..... / رقم الجلوس

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١- An example of salt water is the ecosystem .....

a. Nile River      b. Assal lake      c. A glacier      d. Nasser Lake

٢- From the materials which are attached to the magnet .....

a. iron and nickel      b. aluminum and copper  
c. silver and gold      d. aluminum and silver

٣- It results from biosphere and atmosphere interaction .....

a. Availability of oxygen gas      b. soil fertility  
c. Increased pollution      d. photosynthesis

٤- Moon seems to be lighted in the sky due to .....

a. Reflection of Earth light on Moon's surface  
b. Reflection of stars light on Moon's surface  
c. Reflection of sun lights on Moon's surface  
d. Self-lighting of Moon at night

( B ) : - What is the difference between the type of water in seas and streams?

.....  
.....  
.....



Second Question : - ( A ) : - Put (  $\checkmark$  ) or ( X ) : -

1-The sequence of day and night is due to rotation of the Earth around its axis. ( )

2-Wastewater engineers work in Egypt in Bahr El Baqar plant. ( )

3-Sea and ocean water meet with rivers water at stream. ( )

4-Moon orbiting the Earth, and the reflection of sunlight on it, leads to formation of Moon phases. ( )

( B ) : - Write the scientific term : -

A force that is generated between two touching surfaces.

( ..... )

=====

Third Question : - ( A ) : - Write each word from the word bank next to the statement that best describes it : -

(groundwater - lake - ocean (or sea) - river)

1-Very large body of salt water. (.....)

2-A body of water surrounded by land that is often fresh but sometimes salty. (.....)

3-Water that lies beneath Earth's surface and has been leaked into Earth through a layer of porous rock. (.....)

4-A place that the water flows from an area of high altitude to an area with lower altitude in a definite path. (.....)

( B ) : - What happened to : -

The shadow length over the course of the day ?

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( ( الاجابة في نفس الورقة / صفحة واحدة ) )

=====

Answer each of the following questions

First Question : -

( A ) : - Choose the correct answer : -

١-96.5% of the earth's water is ..... water .

A)salt      B) boiling      C) fresh      D) frozen

٢-Which of the following is a part of geosphere ? .....

A)rocks      B) clouds      C) water      D) animals

٣-..... are formed when water collects in low-lying areas .

A)seas      B) lakes      C) rivers      D) oceans

٤-Earth attracts the objects towards .....

A)the sky      B) its center      C) the moon      D) the sun

( B ) : - Cross the odd word : -

River - Rainwater - Groundwater - Ocean . ( ..... )

=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) : -

١-The magnet can exert a pulling force only. ( )

٢-Earth takes ١٢ hours to make a complete cycle on its axis. ( )

٣-Turning of the water tap, while washing your hair is from the ways  
to conserve water. ( )

٤-Lakes, oceans and rivers are included in hydrosphere . ( )



( B ) : - What happen when : -

The river water meets the sea water .

.....

.....

.....

=====

Third Question : -

(A) : - Complete the following sentences : -

( Solar system - Force - Biosphere - Watershed )

١- ..... is the system that includes all living organisms on the earth .

٢- ..... is an area of land where water from different sources flows towards a common location .

٣- ..... contains the sun and eight planets revolving around it .

٤- ..... is a pull or push that is applied to an object .

(B) : - Give reason : -

The moon is attracted to the Earth ?

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

((الاجابة فى نفس الورقة / صفحة واحدة))

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

1) From the materials which are attracted to the magnet are .....

- a) iron and gold.  
c) iron and nickel.
- b) copper and iron.  
d) silver and gold

7- An example of the salt water ecosystem is .....

- a) lake Nasser.  
c) Lake Assal.
- b) Nile river .  
d) Ground water.

Υ-A protectorate is an example of the ..... of natural resources

- a) sustainability  
b) depletion.  
c) quality.  
d) preservation.

ξ- Weathering of rocks by water indicates interaction between .....

- a) hydrosphere and geosphere      b) biosphere and hydrosphere  
c) biosphere and atmosphere.      d) atmosphere and hydrosphere.

(B) :- Give reason :-

**The regular pattern (cycle) of the day and night ?**

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

=====



Second Question : - ( A ) : - Put ( ✓ ) or ( X ) : -

١- Constellation is a group of planets that looks like a certain shape in the sky. ( )

٢- Gravity is a push force that causes moving objects downward. ( )

٣- The illuminated moon in the shape of half circle is called first quarter. ( )

٤- When rainfall increase, water level in rivers increases Causing floods. ( )

( B ) : - Cross the odd word : -

١- rocks - river - ponds - seas. ( ..... )

٢- Kelp - frogs - starfish - dolphins. ( ..... )

=====

Third Question : - ( A ) : - Complete the following sentences : -

(watershed - solar system - tributary - fresh water - galaxy - estuary)

١- When the river meets the sea ..... Is formed

٢- We must take quick shower to conserve .....

٣- A group of stars , planets and gases are held together is called .....

٤- ..... is area of land where water of different sources flow towards a common location :

( B ) : - What happen when : - The gravity of the sun disappears.

.....

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Serial No.

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : -

( A ) : - Write the scientific term : -

١-The sun and eight planets revolving around them.

( ..... )

٢-The system that contains animals and plants.

( ..... )

٣-A process of removing harmful materials from water.

( ..... )

٤-Areas of the ocean which contain coral reefs and intertidal zones.

( ..... )

(B) : - Give reason : -

skydivers open their parachutes during landing ?

.....  
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=====

Second Question : -

( A ) : - Put ( √ ) or ( X ) : -

١. The magnet can exert a pulling force only. ( )



٣. The atmosphere lets all light waves to pass to the Earth . ( )
٣. Salt water represents ٩٧,٥% of water on Earth. ( )
4. Earth's system don't interact with each other. ( )

( B ) : - Cross the odd word : -

Stream - Ponds - Rocks - Rivers. ( ..... )

=====

Third Question : -

( A ) : - Choose the correct answer : -

١. The force of ..... keeps the planets on their paths around the Sun
- a) air resistance      b) gravity      c) friction      d) electricity
٢. There is a/an ..... between Nile river and mediterranean sea
- a) ocean      b) wetland      c) estuary      d) lake
٣. It is the orbiting of an object around another object .....
- a) rotation      b) gravity      c) spinning      d) revolution
٤. .... gives heat and light
- a) stars      b) Moons      c) planets      d) satellites

( B ) : - Correct the underline word : -

The river's floor has mountains, plains, and plateaus .

( ..... )

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Second Question : - ( A ) : - Put ( √ ) or ( X ) : -

١ - The solar system contains one star	(...)
٢ - A river always flows from an area of low place to an area with higher place	(...)
٣ - Intertidal zone is the area at which the sunlight cannot reach them.	(...)
٤ - The moon seems bright as it absorbs sunlight.	(...)

( B ) : - What happen when : - If a dam is built across a river .

.....

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=====

Third Question : - ( A ) : - Write the scientific term : -

١ - An imaginary line that passes through the two poles of Earth.

( ..... )

٢ - They are giant spheres of superhot gases. ( ..... )

٣ - The large area of the world that has similar soil, climate, plants and wildlife. ( ..... )

٤ - The system which contains animals and plants. ( ..... )

( B ) : - Cross the odd word : -

١ - Charcoal - Wood - Cotton - Sand. ( ..... )

٢ - Iron - Nickel - Copper - Cobalt . ( ..... )

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questionsFirst Question : - ( A ) : - Choose the correct answer : -

١- A water body that is surrounded by land from all directions is called .....

a) lake                      b) sea                      c) river                      d) groundwater

٢- A group of stars that forms a pattern or looks like a certain shape in sky is called .....

a) second quarter      b) crescent      c) constellation      d) new moon

٣- The forces that arise between two touching bodies and lead to the slowing down of movement .....

a) gravity                      b) magnetism                      c) friction                      d) wind

٤- Misuse of fresh water may cause ..... of animals that live in it.

a) growth                      b) increase                      c) extinction                      d) diversity

(B):-Give reason:-

The moon has different phases during the lunar month ?

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=====



Second Question :-

(A) :- Complete the following sentences :-

- ١) Ocean water circulates around the world patterns called .....
- ٢) The force of gravity increases when the distance between the body and the Earth's surface .....
- ٣) At noon the sun forms ..... shadow of an object.
- ٤) Salamon(Trout) live in the water of .....

(B) :- Cross the odd word :-

Dolphin - Starfish - Kelp - Catfish. ( ..... )

=====

Third Question :- (A) :- Put (  $\checkmark$  ) or ( X ) :-

- ١) Day and night phenomenon occurs due to the Earth's rotation around its axis . ( )
- ٢) Rivers are a mixture of fresh and salt water. ( )
- ٣) Air resistance does not affect objects when they fall to the ground. ( )
- ٤) Gravitational forces pull objects down toward the center of the Earth. ( )

(B) :- A body with a mass of  $100$  kg and another with a mass of  $500$  kg. Which one is attracted by the Earth more? and why?

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( ( الاجابة في نفس الورقة / صفحة واحدة ) )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١. A water body that is surrounded by land from all sides is .....
- a- sea                      b- lake                      c- ocean                      d- river
٢. Which of the following phenomena occurs as a result of the moon's gravity?
- a- Earthquakes and volcanoes                      b- Thunder and lightning
- c- Tides                      d- Clouds and rain
٣. A group of stars that forms a pattern or looks like a certain shape in sky is called .....
- a- second quarter      b- crescent      c- constellation      d- new moon
٤. Magnets have a force that attracts some metals, such as .....
- a- aluminum                      b- nickel                      c- copper                      d- gold

( B ) : - What is friction force ?

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Second Question :- ( A ) :- Put ( ✓ ) or ( X ) :-

- 1. Most fresh water is in running water form . ( )
- 2. All objects fall with same speed when there is no air resistance. ( )
- 3. Lotus flowers grow in salty water of ponds. ( )
- 4. Groundwater is an example of salty water. ( )

(B):-Give reason:-

The moon revolves around the Earth in a fixed orbit ?

.....

.....

.....

=====

Third Question :- ( A ) :- Write the scientific term :-

- 1. The system that includes plants and animals.( ..... )
- 2. Giant spheres of superhot gases which are highly explosive gases .  
( ..... )
- 3. An imaginary line that passes through the Earth from the North Pole to the South Pole . ( ..... )
- 4. Use a resource in a way that does not negatively affect the availability of this resource in the future .( ..... )

( B ) :- What happen when :-

The ground water of wells are used faster than they are replaced by rain.

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١-All the following materials can be used to filter wastewater in simple water filter except .....

- a. Cotton.    b. wood.                      c. charcoal                      d. .Sand.

٢-Which of the following is a part of geosphere?

- a. Rocks.    b. Seas                      c. Clouds.                      d. Water.

٣-Presence of dolphins in oceans represents an interaction between ..... and .....

- a. Biosphere - hydrosphere.                      b. Hydrosphere - atmosphere.  
c. Biosphere - geosphere.                      d. Hydrosphere - geosphere.

٤-Earth attracts the objects towards.....

- a. North                      b. South                      c. the sky.                      d. its center.

( B ) : - What happen to : -

The gravity of the Sun if its mass decreases than it is now.

.....

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Second Question : - (A) : - Complete the following sentences :-

(Wetland - biosphere - ocean - gravity)

١- The water body that surrounds the continents is called .....

٢- The Earth's system that includes all living organisms is called .....

٣- The land that is partially covered with water is called .....

٤- Any object has ..... depending on its mass.

(B):-Give reason:-

The moon is attracted to the Earth ?

.....  
.....  
.....

=====

Third Question : - ( A ) : - Put (  $\sqrt{\phantom{x}}$  ) or ( X ) : -

١- The magnet can exert a pulling force only. ( )

٢- The Earth takes ( ٢٤ ) hours to make a complete cycle on its axis. ( )

٣- Turning off the water tap, while washing your hair is from the ways to conserve water. ( )

٤- Lakes, oceans and rivers are included in hydrosphere. ( )

( B ) : - Cross the odd word : -

Ponds - Oceans - Rains - Glaciers. ( ..... )

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Serial No:  
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Serial No:  
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Dakahlia Governorate      Science Primary Five      Time : 1 ½ hours  
Educational      Second Term exam May  
Directorate      ٢٠٢٤      توجيه عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : -

( A ) : - Choose the correct answer : -

١) If the distance between the earth and the moon increase , the gravity between them .....

a. increase.      b. decrease.      c. disappears.      d. doesn't change.

٢) ..... are formed when water collected in low-lying area

a. sun      b. oceans      c. lake      d. rivers'

٣) ..... is attracted to the magnet

a. iron      b. wood      c. glass      d. rocks

٤) the earth attracts object towards .....

a. its center      b. the sky      c. the moon      d. the sun

(B):-Give reason:-

Most of the fresh water on earth can't be used for drinking ?

.....

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Second Question : -

( A ) : - Put (  $\checkmark$  ) or ( X ) : -

\-The Magnet can exert a pulling force only . ( )

\- Dam can be used to filter polluted water . ( )

\- air resistance is a type of friction force can be seen easily . ( )

( B ) : - corrected the underline words : -

\-The nitrogen in air is part of the geosphere. ( ..... )

\-The planet is a star that can give out light . ( ..... )

=====

Third Question : - ( A ) : - Write the scientific term : -

\-It is formed when a river meets a sea . ( ..... )

\-Contains the sun , moons and planets. ( ..... )

\-It is the the water that stored in cracks and spaces between underground rocks. ( ..... )

( B ) : - What happen to : -

\ - The earth if the gravity of the sun disappears .

.....  
.....  
.....

\ - A trees shadow at noon .

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١- the idea of sundial depends on.....

- a. formation of shadow.      b. rotation of object around it's axis.  
c. motion of the moon.      d. falling objects under the effect gravity.

٢- Heat and light energies of the sun result from

- a. explosion of extremely hot gases inside the sun.  
b. the apparent motion of the sun .  
c. revolution of earth in an elliptical orbit around the sun .  
d. revolution of moon around the earth in front of the sun.

٣- weathring of rocks may indicates interaction between .....

- a. hydrosphere and geosphere.      b. biosphere and hydrosphere.  
c. biosphere and geosphere.      d. atmosphere and hydrosphere.

٤- . There is a/an ..... between Nile River and Mediterranean sea.

- a. lake      b. wetland      c. ocean      d. estuary

( B ) : - What happen when : - Pollution enters watershed ?

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.....  
.....

=====



Second Question :- (A) :- Put (✓) or (X) :-

- 1- The deep areas of the ocean that sunlight cannot reach it, are called abyssal zones. ( )
- 2- the gravitational force between the earth and the moon would become zero if the moon were twice as far from the earth. ( )
- 3- All constellations are always visible. ( )
- 4- in second crescent lunar phase the moon small part of it's face is lighten. ( )

(B):-Give reason:-The moon orbits around the earth ?

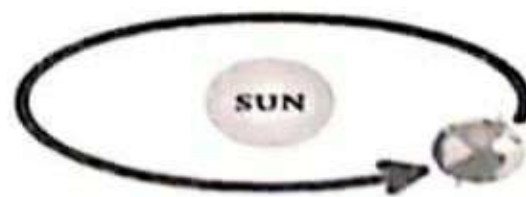
.....  
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=====

Third Question :- (A) :- Complete the following sentences :-

- 1- the force of ..... keeps the planets in fixed ..... around the sun.
- 2- Streams are ..... That flow into bigger .....
- 3- When water is heated, evaporated, and then collected again as liquid, the process is called ..... and the device used to do this is called .....

(B) use the word bank to label each image with correct terms.

(Revolution - Rotation - cycle of seasons - cycle of day and night)



- 1- this motion of earth is ..... 2- this motion of earth is .....  
and it causes ..... and it causes .....

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questionsFirst Question : - ( A ) : - Choose the correct answer : -

١) ..... are part of geosphere.

a. Plants.                      b. rocks.                      c. gases                      d. water bodies.

٢) Sea and ocean water meet with rivers water at .....

a. watershed.                      b. estuary.                      c. surface canal                      d. stream.

٣) pollution of sea water leads to .....

a. pollution of water of a tributary.                      B. pollution of oceans water

c. pollution of water streams.                      d. wetland pollution

٤) Planets continue revolving around the sun in fixed orbits under the effect of .....

a- Earth's gravity

b- Sun's gravity

c- Planets gravity

d- moon phases

(B):-Give reason:- The moon appears bright in the sky at night ?

.....

.....

=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) :-

١. Lake is an area of land where water flows in a specific path from a high altitude area to a lower altitude area . ( )



٧. If an object is projected vertically upwards, so the object returns again to Earth under effect of gravity. ( )

٧. From the materials which are attracted to the magnet are silver and gold. ( )

٨. The moon phase at which moon seems completely dark. ( )

( B ) : - What happen to :- The gravitational force between Earth and the moon if the moon were twice as large in mass ?

.....

.....

=====

Third Question : - ( A ) : - Write the scientific term : -

١. A group of plants and animals which live together in a large area characterized by its climate. ( ..... )

٢. A system contains all gases surrounded Earth. ( ..... )

٣. Force generated between two touching surfaces. ( ..... )

٤. A group of stars that looks like a certain shape in the sky.  
( ..... )

( B ) : - Complete this table : -

Ecosystem	Type of water	Water movement
pond	.....	.....
Ocean/sea	.....	.....

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١- ..... Are parts of geosphere.

(A)Plants      (B) Rocks      (C) Gases      (D) Water bodies

٢- ..... Of resources, requires managing its usage methods.

(A)Depletion      (B) Sustainability      (C) Renewability      (D) Scarcity

٣- The moon orbiting the Earth, and the reflection of sunlight on it,  
leads to formation of .....

(A)Constellation      (B) Circular motion

(C) Planets attraction      (D) Moon phases

٤- The illuminated moon in the shape of half circle is called .....

(A)Full moon      (B) Gibbous      (C) First quarter      (D) First crescent.

(B):-Give reason:- Occurrence of day and night ?

.....  
.....  
.....

=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) :-

١- Oceans contain a large amount of fresh water.      (      )

٢- The magnet can exert a pulling force only.      (      )



- ٢- Air resistance slows down the speed of parachutes. ( )
- ٣- Stars are solid objects made up of rocks. ( )

( B ) : - What happen when : -

The river water meets the sea water.

.....

.....

.....

=====

Third Question : - (A) : - Complete the following sentences :-

١- ..... is an area of land where water from different sources flows towards a common location. .

٢- When a girl moves down a slide, this is due the force of .....

٣- Moses fish live in ..... water.

٤- Planets revolve around the sun in an orbit that has ..... shape.

( B ) : - Cross the odd word : -

Streams - Ponds - Rocks - Rivers. ( ..... )

=====

Serial No.

Serial No.

..... / اسم الطالب \*

..... / رقم الجلوس \*

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Put ( √ ) or ( X ) : -

- ١- As the mass of an object increases , its gravitational force decrease. ( )  
٢- Dams can be used to filter poluted water to be used again. ( )  
٣- In the early morning , the sun would be above you in the center of The sky. ( )  
٤- A river always flow from an area of higher place to an area of lower Place. ( )

(B):-Give reason:- Water can affect on nonliving things like rocks?

.....  
.....  
.....

=====

Second Question : - ( A ) : - Choose the correct answer : -

- ١- The Moon phase which is appear in the middle of the lunar month is .....  
a- First crescent      b- New Moon  
c- Second quarter      d- Full Moon  
٢- ..... is considered as a type of friction force .  
a- Gravity      b- Air resistance  
c- Magnetism      d- Electric force  
٣- Oxygen and carbon dioxide are gases that make most of the .....  
a- Atmosphere      b- geosphere  
c- biosphere      d- hydrosphere

٣.



Σ- From the animals that live in oceans .....

a- Frog      b- Moses fish      c- salmon      d- salamanders

( B ) : - What happen when : -

The Earth stop spinning on its axis .

.....  
.....  
.....

=====

Third Question : - ( A ) : - Write the scientific term : -

ϑ- The force of gravity is consistant and acts on all objects in the same Way. ( ..... )

ϑ- A cycle shows the continuous movement of water from the Earth to Atmosphere then to the Earth again.( ..... )

ϑ- A water body in which a river meets a sea or an ocean.

( ..... )

Σ- A phenomenon happens due to increase the water levels in the Rivers. ( ..... )

( B ) : - Cross the odd word then write the scientific term from the Others : -

Water - Sand - Soil - Rocks. ( ..... )

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..... / اسم الطالب \*

..... / رقم الجلوس \*

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : - (A) : - Complete the following sentences :-

- ١- Flowing water in a specific path from higher altitude to lower altitude areas is called .....
- ٢- Water is responsible for ..... process and ..... process of rocks.
- ٣- A rat that digs a burrow in the soil is an example of the interaction between biosphere and .....
- ٤- Plants revolve around the sun in an orbit that has ..... shape.

( B ) : - What happen when : -

The planets if the gravity of the sun disappears.

.....  
.....

=====

Second Question : - ( A ) : - Write the scientific term : -

- ١- The group of stars forms a pattern in the sky.( ..... )
- ٢- The force that is generated between two touching bodies and slows the movement of objects. ( ..... )
- ٣- A water body that surrounded by land. ( ..... )
- ٤- It formed when a river meets a sea. ( ..... )



(B):-Give reason:- Occurrence of day and night ?

.....  
.....  
.....

=====

Third Question : - ( A ) : - Choose the correct answer : -

1- Parachute helps in .....

- a- increasing the velocity of object falling to the ground.
- b- slowing down the velocity of object falling to the ground.
- c- decreasing the air resistance against the falling object.
- d- increasing the drag of object in the direction of gravity.

2- The sequence of day and night is due to.....

- a- revolution the moon around the earth.
- b- revolution the earth around the sun.
- c- rotation of the moon on its axis.
- d- rotation of the earth on its axis.

3- Most of fresh water on the earth found in the form of .....

- a- ground water.      b- rivers.      c- glaciers.      d- streams.

4- The gravity of ..... affectss the ocean tides.

- a- Earth.      b- the sun.      c- the moon.      d- jupiter.

( B ) : - Mention two uses of water : -

1- .....

2- .....

=====

**The First question: A- Choose the correct answer :-**

- 1-..... has the greatest gravitational force in the solar system.  
a-Jupiter      b-Earth      c-Venus      d-Moon
- 2-Magnetism is a force that attracts objects made of the following ,except.....  
a-nickel      b-cobalt      c-iron      d-coal
- 3-The small bodies of water that flow into a bigger river are called.....  
a-estuaries      b-tributaries      c-watersheds      d-bays
- 4-Coral reefs live in.....  
a-frozen water      b-abyssal areas      c-fresh water      d-shallow areas

**B-Write the scientific term:**

It's the imaginary line that passes through the two poles of Earth. ....

**The Second question : A- Put ( ☒ ) or ( ☒ )**

- 1-Crayfish live in ponds,while frogs live in streams. ( )
- 2-Day and night phenomenon occurs due to the revolution of Earth around the Sun ( )
- 3-The gravitational force of an object increases as its mass increases. ( )
- 4-Lakes are large areas of water that is surrounded by land. ( )
- .....



**B-What happens if:**

Dirty water passes through a filter water model?

**The Third question : A-Choose from column (A)what suits in column (B) :**

Column (A)	Column (B)
1-Solar system	a-is the force that against the motion of a body
2-Friction	b-contains the Sun ,moons and planets
2-Hydrosphere	c-is formed when a river meets a sea
3-Estuary	d-contains fresh water and salt water

**B-Cross out the odd word :**

Glaciers -Oceans -Streams -Rivers

رقم السؤال	الدرجة بالارقام	الدرجة بالحروف	اسم المقدر	اسم المراجع
الأول				
الثاني				
الثالث				
المجموع				

الدرجة الكلية  
 $15 \times 2 = 30$  Marks

Dakahlia Governorate

Science Primary Five

Time : 1 ½ hours

Educational  
Directorate

Second Term exam May  
٢٠٢٤

نوعية عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١- Mountains and valleys are parts of .....

a- geosphere      b- atmosphere      c- biosphere      d- hydrosphere

٢- Most of fresh water on Earth is found in the form of .....

a- ground water      b- rivers      c- glacier      d- streams

٣- ..... is considered as a type of friction force.

a- Air resistance      b- Gravity      c- Magnetism      d- Electricity

٤- The sun and other stars are made up of .....

a- hot solids      b- cold solids      c- hot gases      d- cold liquids

(B) : - Give reason : -

We must conserve fresh water ?

.....

because their is limited amount of fresh water  
on earth

=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) : -

١- Gravity force can be seen easily, but we cannot see its effects. ( )

٢- Some animals live in streams such as catfish and salmon. ( )



٢-The water of tributaries flows directly into seas and oceans. ( X )

٣-Earth axis is an imaginary line passes through Earth's poles. ( )

( B ) : - What happen when : -

The river water meets the sea water.

.....  
**it will form estuary**  
.....

=====  
Third Question : -

(A) : - Write the scientific term : -

١-A large area of the world that has similar soil, climate, plants and animals. ( ..... **biome** ..... )

٢-Force of attraction or repulsion between two magnets or between a magnet and object. ( ..... **magnetism** ..... )

٣-The phenomenon that occurs when half of the Earth facing the sun. ( ..... **daylight** ..... )

٤-Water bodies that surround the continents. ( ..... **oceans** ..... )

( B ) : - Cross the odd word : -

Seas - Rivers - Gulfs - Oceans. ( ..... )

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Dakahlia Governorate

Science Primary Five

Time : 1 ½ hours

Educational  
Directorate

Second Term exam May  
٢٠٢٤

توجيه عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١-.....are part of geosphere.

a- Plants      b- Rocks      c- Gases      d- Water

٢-Catfish can survive in .....water environment.

a- salt and still      b- fresh and fast

c- salt and current      d- fresh and still

٣-Pond and swamps are from .....

a- watershed.    b- estuary.    c- underground aquifers.    d- wetland.

٤-As the mass of object increases, ..... increases.

a- its movement    b- its force    c- its gravity    d- its illumination

(B) : - Give reason : -

The boy on the slide moves toward the ground ?

.....

.....due to the earth gravity.....

.....

=====

Second Question : - (A) : - Write the scientific term : -

QT (A) Write the scientific term:

١-Areas of ocean which contain coral reefs and intertidal zone.

( .....shallow area..... )

٤

Mrs. Omnuia Abd Elhamied



٧-A type of water which is suitable for drinking.

( .....frash water..... )

٧-The force by which some metals are attracted or pulled to a magnet.

( .....magnetism..... )

٤-The movement of an object around another objects.

( .....revolution..... )

( B ) : - Cross the odd word : -

Earth - Jupiter - The sun - The moon. ( ..... )

=====

Third Question : -

( A ) : - Put ( ✓ ) or ( X ) : -

١-All animals and plants can live in aquatic habitat.

٧-Dams can be used to filter polluted water to be used again.

٧-The direction and mass of an object are changed due to gravity.

٤-The sun is the biggest star in the universe.

( B ) : - What happen when : -

The length of the shadow of an object at noon.

.....it will be 'short'.....

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Serial No.

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( الاجابة في نفس الورقة / صفحة واحدة )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١- An example of salt water is the ecosystem .....

a. Nile River      b. Assal lake      c. A glacier      d. Nasser Lake

٢- From the materials which are attached to the magnet .....

a. iron and nickel      b. aluminum and copper  
c. silver and gold      d. aluminum and silver

٣- It results from biosphere and atmosphere interaction .....

a. Availability of oxygen gas      b. soil fertility  
c. Increased pollution      d. photosynthesis

٤- Moon seems to be lighted in the sky due to .....

a. Reflection of Earth light on Moon's surface  
b. Reflection of stars light on Moon's surface  
c. Reflection of sun lights on Moon's surface  
d. Self-lighting of Moon at night

( B ) : - What is the difference between the type of water in seas and streams?

.....the sea contains salt water bur the  
.....stream contain fresh water  
.....

Mrs. Omnia Abd Elhamied



Second Question : - ( A ) : - Put ( ✓ ) or ( X ) : -

١- The sequence of day and night is due to rotation of the Earth around its axis. ( ✓ )

٢- Wastewater engineers work in Egypt in Bahr El Baqar plant. ( ✓ )

٣- Sea and ocean water meet with rivers water at stream. ( X )

٤- Moon orbiting the Earth, and the reflection of sunlight on it, leads to formation of Moon phases. ( ✓ )

( B ) : - Write the scientific term : -

A force that is generated between two touching surfaces.

( .....friction..... )

=====

Third Question : - ( A ) : - Write each word from the word bank next to the statement that best describes it : -

(groundwater - lake - ocean (or sea) - river)

١- Very large body of salt water. ( .....ocean..... )

٢- A body of water surrounded by land that is often fresh but sometimes salty. ( .....lake..... )

٣- Water that lies beneath Earth's surface and has been leaked into Earth through a layer of porous rock. ( .....groundwater.. )

٤- A place that the water flows from an area of high altitude to an area with lower altitude in a definite path. ( .....river..... )

( B ) : - What happened to : -

The shadow length over the course of the day ?

.....  
at morning and afternoon has the longest shadow  
at noon has the shortest shadow  
.....

v

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : -

( A ) : - Choose the correct answer : -

١-96.5% of the earth's water is ..... water .

A)salt      B) boiling      C) fresh      D) frozen

٢-Which of the following is a part of geosphere ? .....

A)rocks      B) clouds      C) water      D) animals

٣-..... are formed when water collects in low-lying areas .

A)seas      B) lakes      C) rivers      D) oceans

٤-Earth attracts the objects towards .....

A)the sky      B) its center      C) the moon      D) the sun

( B ) : - Cross the odd word : -

River - Rainwater - Groundwater - Ocean . ( ..... )

=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) : -

١-The magnet can exert a pulling force only. (X)

٢-Earth takes ٢٤ hours to make a complete cycle on its axis. (X)

٣-Turning of the water tap, while washing your hair is from the ways

to conserve water. (√)

٤-Lakes, oceans and rivers are included in hydrosphere . (√)

Λ

mrs. OmniaAbd Elhamied



( B ) : - What happen when : -

The river water meets the sea water .

estuary will be formed

### Third Question :-

(A) : - Complete the following sentences : -

( Solar system - Force - Biosphere - Watershed )

1) - ..... **biosphere** ..... is the system that includes all living organisms on the earth .

2- .....**watershed**..... is an area of land where water from different sources flows towards a common location .

τ- .....**solar system**..... contains the sun and eight planets revolving around it .

Σ- .....**force**..... is a pull or push that is applied to an object .

**(B) : - Give reason :-**

**The moon is attracted to the Earth ?**

because earth has gravity force more than the moon as it has more mass so earth attracts moon

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..... / اسم الطالب \*

..... \* رقم الجلوس /

Mrs. Omnia Abd Elhamied

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questionsFirst Question : - ( A ) : - Choose the correct answer : -

1) From the materials which are attracted to the magnet are .....

a) iron and gold.

b) copper and iron.

c) iron and nickel.

d) silver and gold

٢- An example of the salt water ecosystem is .....

a) lake Nasser.

b) Nile river .

c) Lake Assal.

d) Ground water.

٣- A protectorate is an example of the ..... of natural resources

a) sustainability

b) depletion.

c) quality.

d) preservation.

٤- Weathering of rocks by water indicates interaction between .....

a) hydrosphere and geosphere

b) biosphere and hydrosphere

c) biosphere and atmosphere.

d) atmosphere and hydrosphere.

(B) : - Give reason : -

The regular pattern (cycle) of the day and night ?

.....  
.....due to earth rotation around its axis.....  
.....

=====

Mrs. Omnia Abd Elhamied



Second Question : - ( A ) : - Put ( ✓ ) or ( X ) : -

١- Constellation is a group of planets that looks like a certain shape in the sky. ( X )

٢- Gravity is a push force that causes moving objects downward. ( X )

٣- The illuminated moon in the shape of half circle is called first quarter. ( ✓ )

٤- When rainfall increase, water level in rivers increases Causing floods. ( ✓ )

( B ) : - Cross the odd word : -

١- rocks - river - ponds - seas. ( ..... )

٢- Kelp - frogs - starfish - dolphins. ( ..... )

Third Question : - ( A ) : - Complete the following sentences : -

( watershed - solar system - tributary - fresh water - galaxy - estuary )

١- When the river meets the sea ..... estuary ..... Is formed

٢- We must take quick shower to conserve ... fresh water ...

٣- A group of stars , planets and gases are held together is called ... galaxy ...

٤- ... watershed ..... is area of land where water of different sources flow towards a common location :

( B ) : - What happen when : - The gravity of the sun disappears.

.....  
the planets and moons wikk float in the space  
.....

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١١ Mrs. Omnia Abd Elhamied

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : -

( A ) : - Write the scientific term : -

١-The sun and eight planets revolving around them.

( .....**solar system**..... )

٢-The system that contains animals and plants.

( .....**biosphere**..... )

٣-A process of removing harmful materials from water.

(**wastewater recycle**)

٤-Areas of the ocean which contain coral reefs and intertidal zones.

( .....**shallow area**..... )

(B) : - Give reason : -

skydivers open their parachutes during landing ?

.....

**to slow down their falling by air resistance with patachutes**

.....

=====

Second Question : -

( A ) : - Put ( √ ) or ( X ) : -

١. The magnet can exert a pulling force only.

( X )



٣. The atmosphere lets all light waves to pass to the Earth .

(X)

٣. Salt water represents ٩٧,٥% of water on Earth.

(✓)

4. Earth's system don't interact with each other.

(X)

( B ) : - Cross the odd word : -

Stream - Ponds - Rocks - Rivers. ( ..... )

=====

Third Question : -

( A ) : - Choose the correct answer : -

١. The force of ..... keeps the planets on their paths around the Sun

a) air resistance      b) gravity      c) friction      d) electricity

٢. There is a/an ..... between Nile river and mediterranean sea

a) ocean      b) wetland      c) estuary      d) lake

٣. It is the orbiting of an object around another object .....

a) rotation      b) gravity      c) spinning      d) revolution

٤. .... gives heat and light

a) stars      b) Moons      c) planets      d) satellites

( B ) : - Correct the underline word : -

The river's floor has mountains, plains, and plateaus .

( ..... ocean's ..... )

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..... / اسم الطالب \*

..... / رقم الجلوس \*

١٣ Mrs. Omnia Abd Elhamied

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

((الاجابة فى نفس الورقة / صفحة واحدة))

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

1-It results from biosphere and atmosphere interaction .....

- a. Availability of oxygen gas      c. Increased pollution  
b. Soil fertility      d. Photosynthesis

T-Sea and ocean water meet with rivers water at .....

- a. watershed      b. estuary      c. surface canal      d. stream

7- The sequence of day and night is due to .....

- revolution of the Moon around the Earth
- revolution of the Earth around the sun
- rotation of the Moon around its axis
- rotation of the Earth around its axis

Σ-If The distance between the moon and Earth increases to twice the gravity .....

- a. increase to twice      b. decrease to half  
c. doesn't change      d. increase then decrease

(B):-Give reason:-Skydivers open their parachutes during landing?

to decrease their landing by air resistance with parachute



Second Question : - ( A ) : - Put (  $\checkmark$  ) or ( X ) : -

1 - The solar system contains one star	( $\checkmark$ )
2 - A river always flows from an area of low place to an area with higher place	( X )
3 - Intertidal zone is the area at which the sunlight cannot reach them.	( X )
4 - The moon seems bright as it absorbs sunlight.	( X )

( B ) : - What happen when : - If a dam is built across a river .

it will trape water behind it and decrease the amount of water in other connected water body

Third Question : - ( A ) : - Write the scientific term : -

1 - An imaginary line that passes through the two poles of Earth.

( .....earth axis..... )

2 - They are giant spheres of superhot gases. ( .....stars..... )

3 - The large area of the world that has similar soil, climate, plants and wildlife. ( .....biome..... )

4 - The system which contains animals and plants. ( biosphere.. )

( B ) : - Cross the odd word : -

1 - Charcoal - Wood - Cotton - Sand. ( ..... )

2 - Iron - Nickel - Copper - Cobalt . ( ..... )

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questionsFirst Question : - ( A ) : - Choose the correct answer : -

١- A water body that is surrounded by land from all directions is called .....

- a) lake                      b) sea                      c) river                      d) groundwater

٢- A group of stars that forms a pattern or looks like a certain shape in sky is called .....

- a) second quarter      b) crescent      c) constellation      d) new moon

٣- The forces that arise between two touching bodies and lead to the slowing down of movement .....

- a) gravity                      b) magnetism                      c) friction                      d) wind

٤- Misuse of fresh water may cause ..... of animals that live in it.

- a) growth                      b) increase                      c) extinction                      d) diversity

(B):-Give reason:-

The moon has different phases during the lunar month ?

..... because earth and moon revolve around .....  
the sun and the moon revolve around the earth  
.....

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Mrs. Omnia Abd Elhamied



Second Question :-

(A) :- Complete the following sentences :-

- ١) Ocean water circulates around the world patterns called **ocean current**
- ٢) The force of gravity increases when the distance between the body and the Earth's surface ..... **decreases** .....
- ٣) At noon the sun forms .. **shortest** ..... shadow of an object.
- ٤) Salamon(Trout) live in the water of ..... **stream** .....

(B) :- Cross the odd word :-

Dolphin - Starfish - Kelp - Catfish. ( ..... )

=====

Third Question :- (A) :- Put ( ☒ ) or ( X ) :-

١) Day and night phenomenon occurs due to the Earth's rotation around its axis . ☒

٢) Rivers are a mixture of fresh and salt water. ☒

٣) Air resistance does not affect objects when they fall to the ground. ☒

٤) Gravitational forces pull objects down toward the center of the Earth. ☒

(B) :- A body with a mass of ١٠٠ kg and another with a mass of ٤٠٠ kg.  
Which one is attracted by the Earth more? and why?

**the earth attracts them with the same way as the  
gravitational force is constant but the lighter object reach  
earth after the heavy object as it affected by more air  
resistance**

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Dakahlia Governorate Science Primary Five

Time : 1 ½ hours

Educational  
Directorate

Second Term exam May  
٢٠٢٤

نوبته عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( ( الاجابة في نفس الورقة / صفحة واحدة ) )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١. A water body that is surrounded by land from all sides is .....

a- sea                      b- lake                      c- ocean                      d- river

٢. Which of the following phenomena occurs as a result of the moon's gravity?

a- Earthquakes and volcanoes                      b- Thunder and lightning

c- Tides                      d- Clouds and rain

٣. A group of stars that forms a pattern or looks like a certain shape in sky is called .....

a- second quarter                      b- crescent                      c- constellation                      d- new moon

٤. Magnets have a force that attracts some metals, such as .....

a- aluminum                      b- nickel                      c- copper                      d- gold

( B ) : - What is friction force ?

.....  
it is the force between 2 opposes objects  
whuch slow down their motion  
.....

=====

Mrs. Omnia Abd Elhamied



Second Question : - ( A ) : - Put ( ✓ ) or ( X ) : -

- ١. Most fresh water is in running water form . ( X )
- ٢. All objects fall with same speed when there is no air resistance . ( ✓ )
- ٣. Lotus flowers grow in salty water of ponds . ( X )
- ٤. Groundwater is an example of salty water . ( X )

(B) :- Give reason :-

The moon revolves around the Earth in a fixed orbit ?

.....  
=====

due to the effect of earth gravity

.....  
=====

Third Question : - ( A ) : - Write the scientific term : -

- ١. The system that includes plants and animals . ( ... **biosphere** )
- ٢. Giant spheres of superhot gases which are highly explosive gases .  
( ..... **stars** ..... )
- ٣. An imaginary line that passes through the Earth from the North Pole to the South Pole . ( ... **earth' axis** ... )
- ٤. Use a resource in a way that does not negatively affect the availability of this resource in the future . ( **sustainability** )

( B ) : - What happen when : -

The ground water of wells are used faster than they are replaced by rain.

.....  
**they will run out**  
.....  
.....

Mrs. Omnia Abd Elhamied

Dakahlia Governorate

Science Primary Five

Time : 1 ½ hours

Educational  
Directorate

Second Term exam May  
٢٠٢٤

نوعية عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١-All the following materials can be used to filter wastewater in simple water filter except .....

- a. Cotton.    b. wood.    c. charcoal    d. .Sand.

٢-Which of the following is a part of geosphere?

- a. Rocks.    b. Seas    c. Clouds.    d. Water.

٣-Presence of dolphins in oceans represents an interaction between ..... and .....

- a. Biosphere - hydrosphere.    b. Hydrosphere - atmosphere.  
c. Biosphere - geosphere.    d. Hydrosphere - geosphere.

٤-Earth attracts the objects towards.....

- a. North    b. South    c. the sky.    d. its center.

( B ) : - What happen to : -

The gravity of the Sun if its mass decreases than it is now.

its gravity will decrease

=====

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٢٠

Second Question : - (A) : - Complete the following sentences :-



Second Question : - (A) : - Complete the following sentences :-

(Wetland - biosphere - ocean - gravity)

- ١- The water body that surrounds the continents is called **ocean**
- ٢- The Earth's system that includes all living organisms is called **biosphere**
- ٣- The land that is partially covered with water is called **wetland**
- ٤- Any object has ..... **gravity** ..... depending on its mass.

(B) :- Give reason :-

The moon is attracted to the Earth ?

**due to the effect of earth gravity**

Third Question : - (A) : - Put (  $\sqrt{\quad}$  ) or ( X ) :-

- ١- The magnet can exert a pulling force only. ( X )
- ٢- The Earth takes ( ٢٤ ) hours to make a complete cycle on its axis. ( X )
- ٣- Turning off the water tap, while washing your hair is from the ways to conserve water. (  $\sqrt{\quad}$  )
- ٤- Lakes, oceans and rivers are included in hydrosphere. (  $\sqrt{\quad}$  )

(B) : - Cross the odd word : -

Ponds - Oceans - Rains - Glaciers. ( ..... )

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Dakahlia Governorate      Science Primary Five      Time : 1 ½ hours  
Educational      Second Term exam May  
Directorate      ٢٠٢٤      توجيہ عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : -

( A ) : - Choose the correct answer : -

١) If the distance between the earth and the moon increase , the gravity between them .....

a. increase.      b. decrease.      c. disappears.      d. doesn't change.

٢) ..... are formed when water collected in low-lying area

a. sun      b. oceans      c. lake      d. rivers'

٣) ..... is attracted to the magnet

a. iron      b. wood      c. glass      d. rocks

٤) the earth attracts object towards .....

a. its center      b. the sky      c. the moon      d. the sun

(B):-Give reason:-

Most of the fresh water on earth can't be used for drinking ?

.....  
***because most of fresh water is glaciers***  
.....

=====

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Second Question : -

( A ) : - Put ( ✓ ) or ( X ) : -

✓ - The Magnet can exert a pulling force only .

✓ - Dam can be used to filter polluted water .

✓ - air resistance is a type of friction force can be seen easily .

(X)  
(X)  
(X)

( B ) : - corrected the underline words : -

✓ - The nitrogen in air is part of the geosphere. (**atmosphere**)

✓ - The planet is a star that can give out light . ( .....**sun**..... )

=====

Third Question : - ( A ) : - Write the scientific term : -

✓ - It is formed when a river meets a sea . ( .....**estuary**..... )

✓ - Contains the sun , moons and planets. (**solar system**.... )

✓ - It is the the water that stored in cracks and spaces between  
underground rocks. **underground water**

( B ) : - What happen to : -

✓ - The earth if the gravity of the sun disappears .

.....  
.....**it will float in the space**.....  
.....

✓ - A trees shadow at noon .

.....  
.....**it will be short**.....  
.....

=====

**Mrs. Omnia Abd Elhamied**

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي  
( (الاجابة في نفس الورقة / صفحة واحدة) )

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١- the idea of sundial depends on.....

- a. formation of shadow.      b. rotation of object around it's axis.  
c. motion of the moon.      d. falling objects under the effect gravity.

٢- Heat and light energies of the sun result from

- a. explosion of extremely hot gases inside the sun.  
b. the apparent motion of the sun .  
c. revolution of earth in an elliptical orbit around the sun .  
d. revolution of moon around the earth in front of the sun.

٣- weathring of rocks may indicates interaction between .....

- a. hydrosphere and geosphere.      b. biosphere and hydrosphere.  
c. biosphere and geosphere.      d. atmosphere and hydrosphere.

٤- . There is a/an ..... between Nile River and Mediterranean sea.

- a. lake      b. wetland      c. ocean      d. estuary

( B ) : - What happen when : - Pollution enters watershed ?

.....

***it will affect other connected water bodies***

.....

=====





Second Question :- ( A ) :- Put ( ✓ ) or ( X ) :-

1- The deep areas of the ocean that sunlight cannot reach it, are called abyssal zones. ✓

2- the gravitational force between the earth and the moon would become zero if the moon were twice as far from the earth. (X)

3- All constellations are always visible. (X)

4- in second crescent lunar phase the moon small part of it's face is lighten ✓

(B):-Give reason:-The moon orbits around the earth ?

## due to the effect of earth' gravity

Third Question :- (A) :- Complete the following sentences :-

1- the force of ....**gravity**..... keeps the planets in fixed  
.....**orbits**..... around the sun.

2- Streams are **tributaries** That flow into bigger ....**river**.....

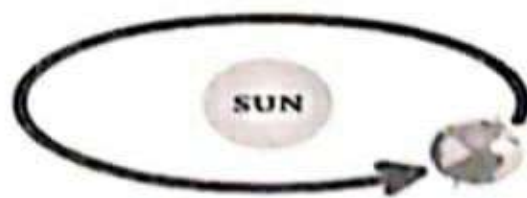
3- When water is heated, evaporated, and then collected again as liquid, the process is called ..**condensation**.. and the **pattern** device used to do this is called .....**water cycle**.....

( B ) use the word bank to label each image with correct terms.

(Revolution - Rotation - cycle of seasons - cycle of day and night)



**rotation**



SUN

1- this motion of earth is ..... 2- this motion of earth is ..**revolution**

and it causes ..... and it causes ..**cycle of four seasons**  
**cycle of day and night**

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١) ..... are part of geosphere.

a. Plants.      b. rocks.      c. gases      d. water bodies.

٢) Sea and ocean water meet with rivers water at .....

a. watershed.      b. estuary.      c. surface canal      d. stream.

٣) pollution of sea water leads to .....

a. pollution of water of a tributary.      B. pollution of oceans water

c. pollution of water streams.      d. wetland pollution

٤) Planets continue revolving around the sun in fixed orbits under the effect of .....

a- Earth's gravity

b- Sun's gravity

c- Planets gravity

d- moon phases

(B):-Give reason:- The moon appears bright in the sky at night ?

*as it reflects the sun's light*

=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) : -

١. Lake is an area of land where water flows in a specific path from a high altitude area to a lower altitude area .

( X )

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٧. If an object is projected vertically upwards, so the object returns again to Earth under effect of gravity. (✓)

٧. From the materials which are attracted to the magnet are silver and gold. (X)

٨. The moon phase at which moon seems completely dark. (✓)

( B ) : - What happen to :- The gravitational force between Earth and the moon if the moon were twice as large in mass ?

.....**the gravitational force will increases and the moon will close to the earth**.....  
=====

Third Question : - ( A ) : - Write the scientific term : -

١. A group of plants and animals which live together in a large area characterized by its climate. ( .....**biome**..... )

٢. A system contains all gases surrounded Earth . ( ..**atmosphere**..... )

٣. Force generated between two touching surfaces . ( ...**friction force**..... )

٤. A group of stars that looks like a certain shape in the sky.

( ...**constillations**..... )

( B ) : - Complete this table : -

Ecosystem	Type of water	Water movement
pond	<b>fresh water</b>	..... <b>still</b> .....
Ocean/sea	<b>salt water</b>	..... <b>flowing</b> .....

Serial No.

Serial No.

..... / اسم الطالب \*

..... / رقم الجلوس \*

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - ( A ) : - Choose the correct answer : -

١- ..... Are parts of geosphere.

(A)Plants      (B) Rocks      (C) Gases      (D) Water bodies

٢- ..... Of resources, requires managing its usage methods.

(A)Depletion      (B) Sustainability      (C) Renewability      (D) Scarcity

٣- The moon orbiting the Earth, and the reflection of sunlight on it, leads to formation of .....

(A)Constellation      (B) Circular motion

(C) Planets attraction      (D) Moon phases

٤- The illuminated moon in the shape of half circle is called .....

(A)Full moon      (B) Gibbous      (C) First quarter      (D) First crescent.

(B):-Give reason:- Occurrence of day and night ?

.....  
***due to the earth rotation around its axis***  
.....

=====

Second Question : - ( A ) : - Put ( √ ) or ( X ) :-

١- Oceans contain a large amount of fresh water.

( ~~X~~ )

٢- The magnet can exert a pulling force only.

( ~~X~~ )



٢- Air resistance slows down the speed of parachutes.

٣- Stars are solid objects made up of rocks.

( B ) : - What happen when : -

The river water meets the sea water.

.....**estuary will be formed**.....

Third Question : - (A) : - Complete the following sentences :-

١- .....**watershed**..... is an area of land where water from different sources flows towards a common location. .

٢- When a girl moves down a slide, this is due the force of ..**gravity**

٣- Moses fish live in .....**salt**..... water.

٤- Planets revolve around the sun in an orbit that has .....**oval**..... shape.

( B ) : - Cross the odd word : -

Streams - Ponds - Rocks - Rivers. ( ..... )

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امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

((الاجابة في نفس الورقة / صفحة واحدة))

Answer each of the following questions

First Question : - ( A ) : - Put (  $\sqrt{\quad}$  ) or ( X ) : -

- 1- As the mass of an object increases , its gravitational force decrease.
- 2- Dams can be used to filter polluted water to be used again.
- 3- In the early morning , the sun would be above you in the center of The sky.
- 4- A river always flow from an area of higher place to an area of lower Place.

**(B):-Give reason:-** Water can affect on nonliving things like rocks?

***because water cause weathering and  
.....erision to rocks***

**Second Question : - ( A ) : - Choose the correct answer : -**

- 1- The Moon phase which appears in the middle of the lunar month is .....
- a- First crescent                                      b- New Moon
- c- Second quarter                                  d- Full Moon
- 2- ..... is considered as a type of friction force .
- a- Gravity    b- Air resistance
- c- Magnetism                                         d- Electric force
- 3- Oxygen and carbon dioxide are gases that make most of the .....
- a- Atmosphere                                        b- geosphere
- c- biosphere    d- hydrosphere

2.

**Mrs. Omnia Abd Elhamied**



Σ- From the animals that live in oceans .....

a- Frog      b- Moses fish      c- salmon      d- salamanders

( B ) : - What ~~happen~~ when : -

The Earth stop spinning on its axis .

## ***the cycle of day and night not happen***

=====

Third Question : - ( A ) : - Write the scientific term : -

\\- The force of gravity is consistant and acts on all objects in the same Way. ( ***law of motion*** )

Υ- A cycle shows the continuous movement of water from the Earth to Atmosphere then to the Earth again. ( ***water cycle*** )

Υ- A water body in which a river meets a sea or an ocean.

( ***estuary*** )

Σ- A phenomenon happens due to increase the water levels in the Rivers. ( ***floods*** )

( B ) : - Cross the odd word then write the scientific term from the Others : -

Water - Sand - Soil - Rocks. ( ..... )

=====

Serial No.

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Serial No.

..... / اسم الطالب \*

..... / رقم الجلوس \*

Dakahlia Governorate

Science Primary Five

Time : 1 ½ hours

Educational  
Directorate

Second Term exam May  
٢٠٢٤

توجيه عام العلوم لغات

امتحان الفصل الدراسي الثاني / مايو ٢٠٢٤ / الصف الخامس الابتدائي

(( الاجابة في نفس الورقة / صفحة واحدة ))

=====

Answer each of the following questions

First Question : - (A) : - Complete the following sentences :-

١- Flowing water in a specific path from higher altitude to lower altitude areas is called .....**river**.....

٢- Water is responsible for ....**weathering**..... process and .....**erosion**..... process of rocks.

٣- A rat that digs a burrow in the soil is an example of the interaction between biosphere and .....**geosphere**.....

٤- Plants revolve around the sun in an orbit that has .....**elliptical - oval**..... shape.

( B ) : - What happen when : -

The planets if the gravity of the sun disappears.

.....**they will float in the space**.....

=====

Second Question : - ( A ) : - Write the scientific term : -

١- The group of stars forms a pattern in the sky.(**constellation**

٢- The force that is generated between two touching bodies and slows the movement of objects. ( **friction force** )

٣- A water body that surrounded by land. ( .....**lakes**..... )

٤- It formed when a river meets a sea. ( .....**estuary**..... )



(B):-Give reason:- Occurrence of day and night ?

.....  
**...due to earth rotation around its axis**  
.....

=====  
Third Question : - ( A ) : - Choose the correct answer : -

1- Parachute helps in .....

- a- increasing the velocity of object falling to the ground.
- b- slowing down the velocity of object falling to the ground.
- c- decreasing the air resistance against the falling object.
- d- increasing the drag of object in the direction of gravity.

2- The sequence of day and night is due to.....

- a- revolution the moon around the earth.
- b- revolution the earth around the sun.
- c- rotation of the moon on its axis.
- d- rotation of the earth on its axis.

3- Most of fresh water on the earth found in the form of .....

- a- ground water.
- b- rivers.
- c- glaciers.
- d- streams.

4- The gravity of ..... affectss the ocean tides.

- a- Earth.
- b- the sun.
- c- the moon.
- d- jupiter.

( B ) : - Mention two uses of water : -

1- .....**cooking**.....

2- .....**generating electricity**.....

=====  
**drinking**

**Mrs. Omnia abd elhamied**

The First question: A- Choose the correct answer :-

1-..... has the greatest gravitational force in the solar system.

- a-Jupiter      b-Earth      c-Venus      d-Moon

2-Magnetism is a force that attracts objects made of the following ,except.....

- a-nickel      b-cobalt      c-iron      d-coal

3-The small bodies of water that flow into a bigger river are called.....

- a-estuaries      b-tributaries      c-watersheds      d-bays

4-Coral reefs live in.....

- a-frozen water      b-abyssal areas      c-fresh water      d-shallow areas

B-Write the scientific term:

It's the imaginary line that passes through the two poles of Earth. **earth' axis** .....

The Second question : A- Put ( ☒ ) or ( ☒ )

1-Crayfish live in ponds,while frogs live in streams. (X)

2-Day and night phenomenon occurs due to the revolution of Earth around the Sun (X)

3-The gravitational force of an object increases as its mass increases. (✓)

4-Lakes are large areas of water that is surrounded by land. (✓)

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B-What happens if:

Dirty water passes through a filter water model?

**it will filter water to use it again in many purposes**

The Third question : A-Choose from column (A) what suits in column (B) :

Column (A)	Column (B)
1-Solar system	a-is the force that against the motion of a body
2-Friction	b-contains the Sun ,moons and planets
3-Hydrosphere	c-is formed when a river meets a sea
4-Estuary	d-contains fresh water and salt water

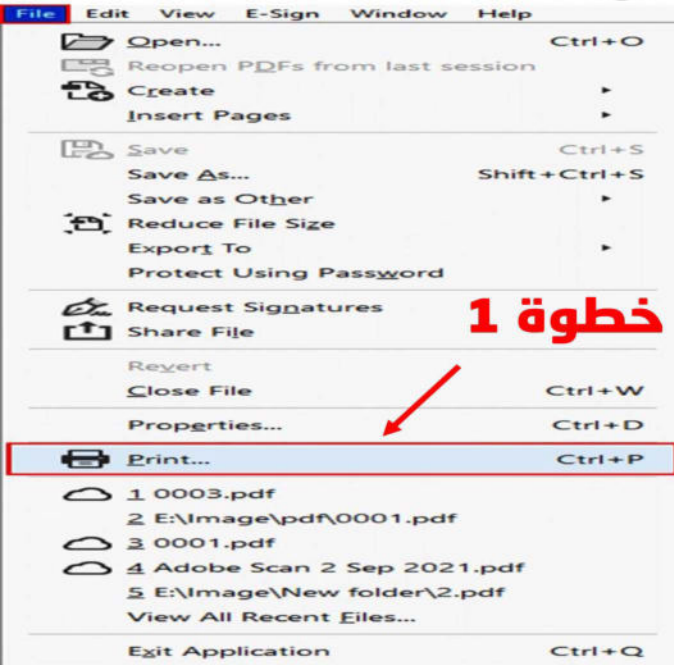
B-Cross out the odd word :

Glaciers -Oceans -Streams -Rivers

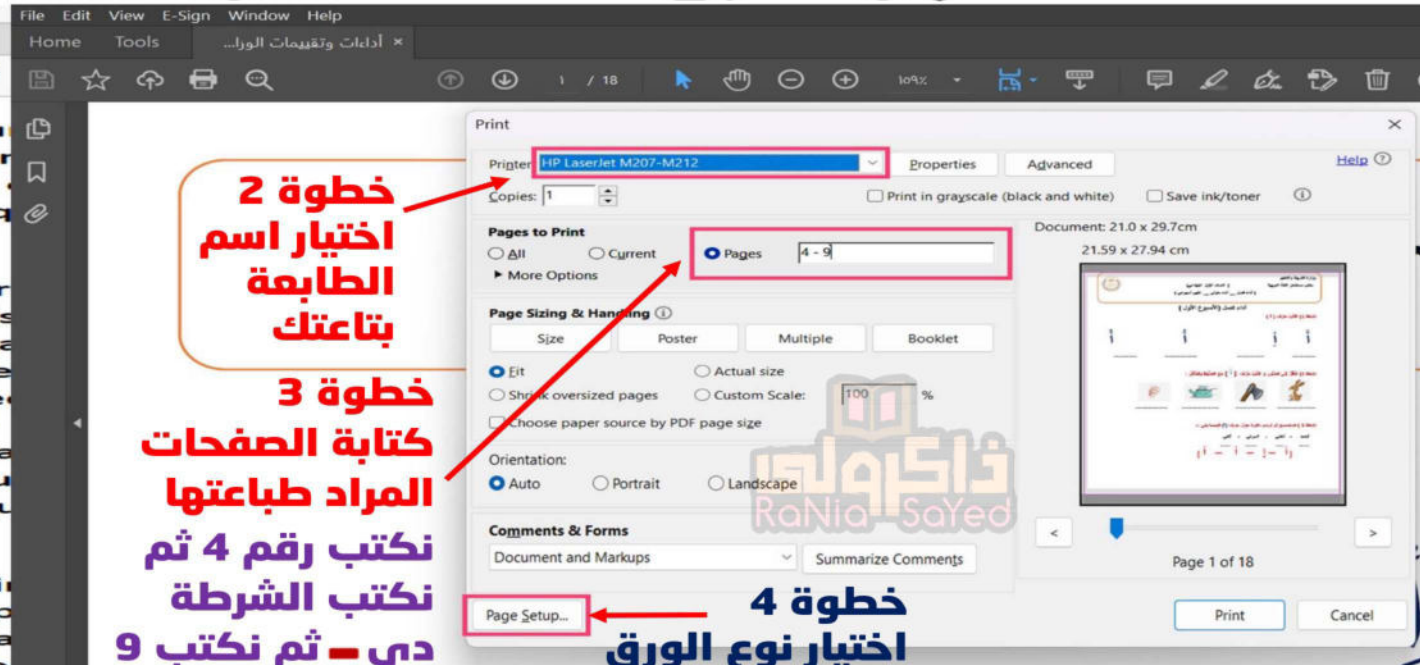
رقم السؤال	الدرجة بالارقام	الدرجة بالحروف	اسم المقدر	اسم المراجع
الأول				
الثاني				
الثالث				
المجموع				

الدرجة الكلية  
 $15 \times 2 = 30$  Marks

# كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9



خطوة 1



خطوة 2  
اختيار اسم  
الطابعة  
بتاعتك

خطوة 3  
كتابة الصفحات  
المراد طباعتها  
نكتب رقم 4 ثم  
نكتب الشرطة  
دي - ثم نكتب 9

خطوة 4  
اختيار نوع الورق



خطوة 5  
اختيار A4



خطوة 6